

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



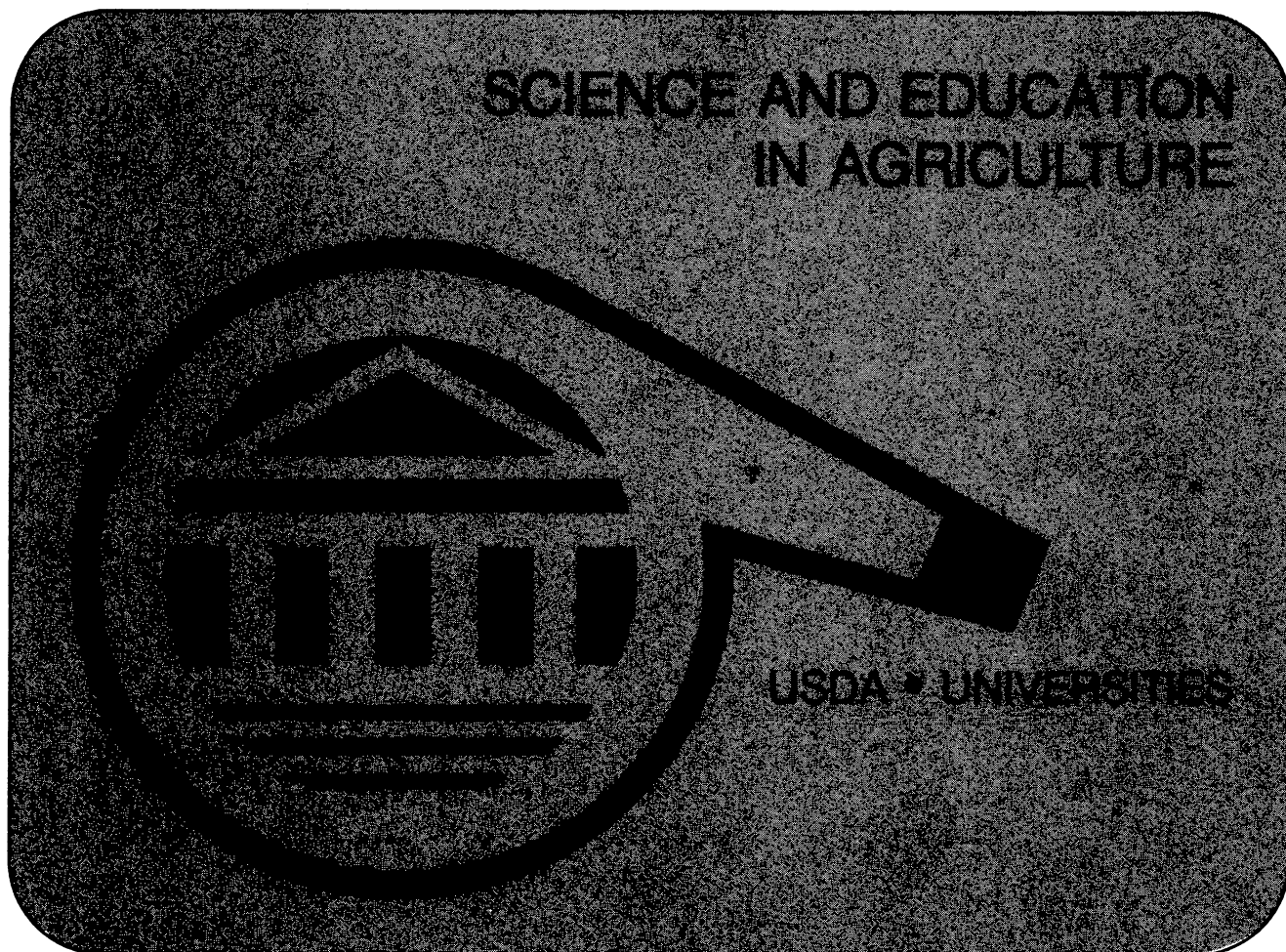
**United States  
Department of  
Agriculture**

Cooperative  
State Research  
Service

April 1982

# **Inventory of Agricultural Research FY 1979**

Volume II  
Table II, III and IV



# INVENTORY OF AGRICULTURAL RESEARCH

## Volume II (Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1979

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Issued by

COOPERATIVE STATE RESEARCH SERVICE  
SCIENCE AND EDUCATION  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

April 1982

# TABLE OF CONTENTS - VOLUME II

Introduction .....	v-vi
Table Descriptions .....	vii-xi
CRIS Input Forms .....	xii-xiii
Classification Codes and Descriptors	
Commodity or Resource .....	xiv-xv
Research Problem Area .....	xvi-xix

## Page

### TABLES II-B and II-D

#### Summary for Commodity or Resource and Research Problem Area

National Total, USDA, SAES, Forestry Schools, Other	
Cooperating Institutions .....	1-3
National Total USDA and SAES .....	4-6
National Total USDA Research Agencies .....	7-9
Agricultural Research (AR) .....	10-11
Cooperative Research (CR) .....	12-13
Competitive Research Grant Office (CRGO) .....	14
Economics, Statistics and Cooperatives Service (ESCS) .....	15
Forest Service .....	16
National Total SAES, Forestry Schools, Other	
Cooperating Institutions .....	17-19
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	
Region 1 (Northeast) .....	20-22
Region 2 (Southern) .....	23-25
Region 3 (North Central) .....	26-28
Region 4 (Western) .....	29-31
National Total State Agricultural Experiment Stations (SAES) .....	32-34
Station Totals SAES (Table II-B only)	
Alabama, Alaska .....	35
Arizona, Arkansas .....	36
California .....	37
Colorado, Connecticut (New Haven) .....	38
Connecticut (Storrs), Delaware, District of Columbia .....	39
Florida .....	40
Georgia, Guam .....	41
Hawaii, Idaho .....	42
Illinois .....	43
Indiana .....	44
Iowa .....	45
Kansas .....	46
Kentucky, Louisiana .....	47
Maine, Maryland .....	48
Massachusetts, Michigan .....	49
Minnesota, Mississippi .....	50
Missouri, Montana .....	51
Nebraska, Nevada .....	52
New Hampshire, New Jersey .....	53
New Mexico, New York (Geneva) .....	54

# TABLE OF CONTENTS - VOLUME II (Cont'd)

	<u>Page</u>
New York (Ithaca) .....	55
North Carolina, North Dakota .....	56
Ohio, Oklahoma .....	57
Oregon, Pennsylvania .....	58
Puerto Rico, Rhode Island .....	59
South Carolina, South Dakota .....	60
Tennessee .....	61
Texas, Utah .....	62
Vermont, Virgin Islands, Virginia .....	63
Washington, West Virginia .....	64
Wisconsin, Wyoming .....	65
Forestry Schools - Total .....	66
Forestry Schools (Table II-B only)	
Flagstaff, Arcata, Carbondale, Ft. Collins, Moscow, Ruston.	67
Ann Arbor, Houghton, Missoula, Syracuse, Corvallis .....	68
Clemson, Nacogdoches, Burlington, Seattle .....	69
Other Cooperating Institutions - Total .....	70-71
Other Cooperating Institutions (Table II-B only)	
Tuskegee, Normal, Pine Bluff, Dover .....	72
Tallahassee, Fort Valley, Frankfort, Baton Rouge,	
Princess Ann .....	73
Lorman, Jefferson City, Albuquerque, Yonkers .....	74
Langston, Kennett Square, Bethlehem, Orangeburg,	
Nashville .....	75
Prairie View, Petersburg, Provo .....	76

## TABLE II-F

### Summary Data for Fiscal Year for USDA Agencies and State Agricultural Experiment Stations

National Total USDA Research Agencies .....	77
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast) .....	78
Region 2 (Southern) .....	78
Region 3 (North Central) .....	79
Region 4 (Western) .....	79

## TABLES III-B and III-D

### Data on Funds by Method of Expenditure and Source for Fiscal Year for Commodity or Resource and Research Problem Areas for USDA Research Agencies

National Total USDA Research Agencies .....	80-82
Agricultural Research (AR) .....	83-85
Cooperative Research (CR) .....	86-87
Competitive Research Grants Office (CRGO) .....	88
Economics, Statistics and Cooperatives Service (ESCS) .....	89
Forest Service (FS) .....	90

TABLE OF CONTENTS - VOLUME II (Cont'd)

	<u>Page</u>
<u>TABLE III-E</u>	
Summary Data by Method of Expenditure and Source for Fiscal Year for USDA Agencies	
National Total USDA Research Agencies .....	91
<u>TABLES IV-B and IV-D</u>	
Data on Funds by Source for Fiscal Year for Commodity or Resource and Research Problem Areas for State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions	
National Total SAES, Forestry Schools, Other Cooperating Institutions .....	92-94
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast) .....	95-97
Region 2 (Southern) .....	98-100
Region 3 (North Central) .....	101-103
Region 4 (Western) .....	104-106
National Total State Agricultural Experiment Stations (SAES) .....	107-109
National Total Forestry Schools .....	110-111
National Total Other Cooperating Institutions .....	112-113
<u>TABLE IV-E</u>	
Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions	
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast) .....	114
Region 2 (Southern) .....	114
Region 3 (North Central) .....	115
Region 4 (Western) .....	115

## I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)  
"Field of Science" - 0412 (Entomology), "Problem Area" - 207  
(Insect pests of Field Crops) - 100%

Same inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)  
"Field of Science" - 0512 (Genetics), "Problem Area" - 208  
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).  
"Field of Science" - 0512 (Genetics), "Problem Area" - 307  
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

## TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CR "Special Grants" but not grants from other CR administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

#### TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest \$1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

#### TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alaska, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other Cooperating Institutions in: Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA. This includes funds received under CSRS Special Grant (Field 219 of Form AD-419).

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

79. COOPERATORS		80. _____	
<input type="checkbox"/> A <input type="checkbox"/> USDA	<input type="checkbox"/> B <input type="checkbox"/> Other Federal Agencies	<input type="checkbox"/> C <input type="checkbox"/> Industry and other	<input type="checkbox"/> D <input type="checkbox"/> State
83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION		COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION	
		90. _____	
		81. _____	
		82. _____	

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER					DATE (Day, mo., yr.)
U.S. DEPARTMENT OF AGRICULTURE USE ONLY					
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	4. 22-23 REGIONAL PROJECT NO.	5. TITLE	
7. TITLE					
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION					
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS				FIELD NUMBER	
Regular, In House				(101)	
Regular, Contracts, Grants, Agreements with AES				(102)	
Regular, Contracts, Grants, Agreements with Others				(103)	
Special Funds (015) (ARS) In House				(104)	
Special Funds (010) (ARS) In House				(105)	
Forest Service Research Contracts				(106)	
Other USDA (Identify):				(107)	
TOTAL				(131)	
OTHER FEDERAL RESEARCH FUNDS					
Energy Research and Development Administration				(310)	
Agency for International Development				(308)	
Department of Defense				(311)	
National Institutes of Health				(316)	
Public Health Service				(312)	
Health Education and Welfare (Other)				(313)	
National Aeronautics and Space Administration				(314)	
Tennessee Valley Authority				(315)	
Foreign Agricultural Research (PL 480)				(117)	
Other Federal Funds (Identify):				(318)	
TOTAL				(332)	
NON-FEDERAL RESEARCH FUNDS					
Trust Funds, In House				(120)	
Trust Funds, Contracts, Grants, Agreements with AES				(121)	
Trust Funds, Contracts, Grants, Agreements with Others				(122)	
Other Non-Federal Funds (Identify):				(123)	
TOTAL				(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION				(134)	
STAFF SUPPORT				STAFF EFFORT (years)	
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)				ACTUAL ESTIMATE	
Scientists (GS-11 and above)				(141)	
Professional Support				(142)	
Technical Support				(143)	
Clerical, Labor and Other				(144)	
TOTAL STAFF YEARS				(350)	
SUBMITTED BY		TITLE			

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND STAFF SUPPORT					DATE (Day, mo., year)
FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE					
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	4. 22-23 REGIONAL PROJECT NO.	5. TYPE/GRANT NO.	
7. TITLE					
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)					
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED				FIELD NUMBER	
Hatch Funds				(201)	
Regional Research Funds				(202)	
McIntire Stennis Funds				(203)	
Grants for Research (PL89-106)					
<input type="checkbox"/> Special Grants				(204)	
<input type="checkbox"/> Competitive Grants					
Other Funds					
<input type="checkbox"/> Animal Health Sec. 1433					
<input type="checkbox"/> Alcohol Fuels Sec. 1419					
<input type="checkbox"/> 1890/Tuskegee Sec. 1445					
<input type="checkbox"/> Rural Development Title V					
<input type="checkbox"/> Native Latex PL95-592					
Other (Identify):				(205)	
TOTAL				(231)	
OTHER FEDERAL RESEARCH FUNDS					
USDA Contracts Grants Co-op Agreements (Identify Agency):				(219)	
National Science Foundation				(209)	
Department of Energy				(310)	
Agency for International Development				(308)	
Department of Defense				(311)	
National Institutes of Health				(316)	
Public Health Service				(312)	
Health and Human Services				(313)	
National Aeronautics and Space Administration				(314)	
Tennessee Valley Authority				(315)	
Other Federal Funds (Identify):				\$	
CSRS Administered "Pass Through" Funds					
AID Nitrogen Fixation					
EPA Strip Mine Reclamation					
Department of Energy					
Forest Service					
Other (Identify):				(318)	
TOTAL				(332)	
NON-FEDERAL RESEARCH FUNDS					
State Appropriations				(220)	
Sale of Products				(221)	
Industry Grants and Agreements				(222)	
Other Non-Federal Funds				(223)	
TOTAL				(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION				(234)	
STAFF SUPPORT				STAFF EFFORT - ACTUAL (years)	
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)					
Scientists (Assistant Professor and above)				(241)	
Professional Support				(242)	
Technical Support				(243)	
Clerical, Labor, and Other				(244)	
TOTAL STAFF YEARS				(350)	
SUBMITTED BY (Signature)		TITLE			

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not  
Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible tree nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects
3600	General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700	Clothing and textiles
3800	Food (not readily associated with specific plants and animal products)
3900	Structures and facilities

## Commodities or Resources

4000	People as individual workers, consumers and members of society
4100	The family and its members
4200	The farm as a business enterprise
4300	Communities, areas and regions, including counties and States and their institutions
4400	Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500	Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600	Farmer cooperatives
4700	Marketing, processing and supply firms other than cooperatives
4800	Marketing systems and sectors thereof
6100	Weeds
6200	Seed research
6300	Biological cell systems
6400	Experimental design and statistical methods
6500	Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
6600	Microorganisms, viruses, etc.
6700	Plants
6800	Animals (vertebrates)
6900	Research on research management (not research management <u>per se</u> )
7000	Research equipment and technology (such as remote sensing)

## RESEARCH PROBLEM AREAS (RPA's)

### GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water
  
- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources
  
- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

### GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops
  
- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,  
DISEASES AND OTHER HAZARDS (Continued)

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and  
Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic  
Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects  
of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST  
PRODUCTS AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable  
Crops
- 305 Mechanization of Fruit and Vegetable Crop Production
  
- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other  
Animals
  
- 311 Improvement of Biological Efficiency in Production of  
Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry  
and Other Animals
- 313 Production Management Systems for Livestock, Poultry and  
Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose  
Farm Supplies and Equipment
  
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of  
Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY  
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES  
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved  
Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and  
Vegetables
- 405 Production of Field Crops with Improved Acceptability
- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products  
from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food  
Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and  
Related Products
- 503 Efficiency in Marketing Agricultural Products and Production  
Inputs \*
- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

\* This RPA incorporates research formerly included under RPAs  
503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND  
WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes
- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF  
BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY,  
AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban Environment
- 906 Culture and Protection of Ornamentals and Turf
- 907 Improved Income Opportunities in Rural Communities
- 908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1469	533.7	23,013,436	54,794,007	*	*
0200 WATER	1015	347.3	18,840,051	35,113,667	*	*
0300 WATERSHEDS RIVER EAS	279	187.0	16,684,422	20,834,918	*	*
0400 AIR AND CLIMATE	185	58.0	2,287,765	6,206,206	*	*
0500 RECREATION RESOURCES	193	87.3	6,715,691	9,970,597	*	*
0600 TIMBER FORST PRODUCT	1531	1185.7	87,200,866	123,045,643	*	*
0700 RANGE	395	153.1	10,670,680	17,449,131	*	*
0800 WILDLIFE AND FISH	698	256.1	10,248,570	28,186,631	*	*
0900 CITRUS SUB TROP FRUT	410	225.4	10,452,269	21,510,747	*	*
1000 FRUIT NUTS DECIDUCUS	1209	464.4	20,023,611	47,791,637	*	*
1100 POTATOES	372	128.0	5,773,088	12,795,464	*	*
1200 VEGETABLES	1623	578.8	23,932,528	56,824,256	*	*
1300 ORNAMENTALS TURF	663	247.3	7,599,227	24,138,315	*	*
1400 CORN	1070	313.1	16,669,959	33,042,709	*	*
1500 GRAIN SORGHUM	397	77.3	3,068,577	7,273,069	*	*
1600 RICE	183	61.6	2,360,587	5,959,387	*	*
1700 WHEAT	831	257.3	13,026,053	24,128,992	*	*
1800 OTHER SMALL GRAINS	537	118.7	5,489,644	12,583,626	*	*
1900 PASTURE	204	42.1	1,833,052	5,071,542	*	*
2000 FORAGE CROPS	1100	355.7	17,079,366	36,716,218	*	*
2100 COTTON	570	359.4	25,131,356	35,598,404	*	*
2200 COTTONSEED	62	29.9	2,651,879	2,754,257	*	*
2300 SOYBEANS	1064	349.0	19,138,320	37,738,926	*	*
2400 PEANUTS	227	85.6	4,191,064	8,366,133	*	*
2500 OTHER OILSEED CROPS	137	40.7	1,891,396	4,175,021	*	*
2600 TOBACCO	213	98.3	5,567,434	11,020,980	*	*
2700 SUGAR CROPS	255	104.3	8,608,572	12,666,991	*	*
2800 MISC NEW CROPS	165	61.1	3,563,327	6,193,806	*	*
2900 POULTRY	911	353.6	19,496,402	40,950,009	*	*
3000 BEEF CATTLE	1658	592.7	40,673,387	91,289,243	*	*
3100 DAIRY CATTLE	1357	435.9	30,358,528	63,401,227	*	*
3200 SWINE	774	244.5	20,643,971	38,984,391	*	*
3300 SHEEP AND WOOL	486	138.2	10,973,446	17,623,025	*	*
3400 OTHER ANIMALS	488	113.9	6,389,981	14,320,871	*	*
3500 BEES AND HONEY	85	44.4	2,832,758	3,821,447	*	*
3600 FARM SUPP & FACILITS	121	67.7	4,134,698	6,668,250	*	*
3700 CLOTHING & TEXTILES	76	19.6	605,627	1,490,768	*	*
3800 FOOD	676	289.3	25,284,195	38,202,411	*	*
3900 HOUSING & EQUIP	256	89.7	4,642,419	9,464,951	*	*
4000 PEOPLE AS INDIVIDUAL	814	284.3	12,334,968	25,976,473	*	*
4100 FAMILY MEMBERS	269	82.2	5,701,358	10,252,946	*	*
4200 FARM AS BUSINESS	221	85.9	3,920,447	7,380,696	*	*
4300 SOC POLIT ORGANIZ	468	150.4	5,517,439	12,446,659	*	*
4400 AGRIC ECONOMY U S	137	61.8	4,287,999	6,644,903	*	*
4500 AGRIC ECONOMY FORGN	58	85.3	5,303,860	6,043,478	*	*
4600 FARM COOPERATIVES	66	11.7	601,687	1,006,649	*	*
4700 OTH MARKET PROCESS	49	7.3	172,982	510,711	*	*
4800 MARKETING SYSTEMS	111	56.6	2,945,424	4,631,446	*	*
6100 WEEDS	105	28.6	2,247,133	3,098,173	*	*
6200 SEED RESEARCH	49	19.8	1,108,524	1,996,700	*	*
6300 BIO CELL SYSTEMS	263	97.2	2,941,471	11,248,936	*	*
6400 EXP DESIGN/STAT METH	79	31.0	385,744	3,037,750	*	*
6500 INVERTEBRATES	362	211.0	12,387,435	20,651,300	*	*
6600 MICROORGANISMS,VIRUS	324	109.0	5,471,942	13,568,069	*	*
6700 PLANTS	1009	430.6	27,871,851	46,426,797	*	*
6800 ANIMALS (VERTEBRATES)	457	158.1	5,533,134	18,272,017	*	*
6900 RESEARCH ON RSCH MGM	34	13.8	133,749	1,083,390	*	*
7000 RSCH EQUIP & TECHNOL	133	33.7	897,448	3,444,892	*	*
9900 UNCLASSIFIED	72	132.6	3,205,848	21,327,616	*	*
TOTAL	29025	11287.0	642,718,643	1,247,217,474	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FPD APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	211	77.6	1,099,670	7,875,626	*	*
102 SOIL PLNT WTR NUTRI	723	264.3	13,199,754	27,376,763	*	*
103 MGMT OF SALINE SOIL	70	28.4	1,507,835	2,879,995	*	*
104 ALTERN USE OF LAND	201	77.5	2,311,759	6,381,634	*	*
105 CONSERV USE OF WATE	379	134.7	8,213,636	13,682,313	*	*
106 DRAIN AND IRRIGATIO	194	67.9	5,405,050	7,127,986	*	*
107 WATERSHED PROT & MG	305	223.7	19,820,020	25,296,462	*	*
108 ECON LEG PROB OF WA	55	24.5	924,905	1,887,874	*	*
109 WEATHER ADAPT & MOD	143	43.3	1,329,604	4,537,537	*	*
110 APPRAIS FORST & HAN	147	84.5	10,939,584	13,289,665	*	*
111 BIOL CULT MGMT FCRS	469	321.7	19,956,231	29,928,157	*	*
112 IMPROV RANGE RESCR	254	88.1	5,527,924	9,952,232	*	*
113 REMOTE SENSING	56	18.6	998,785	2,333,358	*	*
114 RSCH ON MGMT OF RSC	31	13.6	112,462	1,028,618	*	*
SUBTOTAL	3238	1468.4	91,347,220	153,578,220	*	*
SERIES 200						
201 CNTRL FORST INSECTS	249	156.3	12,580,265	15,802,096	*	*
202 CONTROL FOREST DIS	169	96.8	9,395,496	11,918,799	*	*
203 FOREST FIRE PROTECT	30	66.1	7,644,022	8,067,460	*	*
204 CNTR PESTS FRT & VE	524	203.1	11,277,743	22,093,644	*	*
205 CNTR DISE FRT & VEG	852	270.8	11,476,218	27,304,429	*	*
206 CNTR WEEDS FRT & VE	216	63.9	1,997,540	5,656,776	*	*
207 CNTR PESTS FLD CROP	756	321.8	21,341,338	35,158,445	*	*
208 CNTR DIS FIELD CROP	968	338.3	19,220,073	34,509,084	*	*
209 CNTR WEEDS FLD CROP	443	152.5	8,200,168	16,296,683	*	*
210 CNTR PESTS ANIMALS	162	80.8	6,429,462	7,930,328	*	*
211 CNTR DIS ANIMALS	929	384.8	40,758,784	57,707,828	*	*
212 CNTR INTER PARASITE	149	68.2	6,672,934	8,365,122	*	*
213 PROT ANMLS FROM TOX	164	52.4	4,720,435	6,604,012	*	*
214 PROTECT FROM POLLUT	272	76.4	4,422,063	10,517,211	*	*
SUBTOTAL	5883	2332.1	166,136,541	267,931,916	*	*
SERIES 300						
301 GENET BREED FORST T	134	76.7	4,800,764	8,068,699	*	*
302 IMP FOREST ENG SYS	36	27.8	1,957,095	2,940,762	*	*
303 ECON TIMBER PRODUCT	57	23.5	903,196	2,383,195	*	*
304 IMP BIO EFF FRT & V	1157	408.5	13,532,205	44,080,986	*	*
305 MECH PROD FRT & VEG	163	50.7	2,116,904	5,188,943	*	*
306 PROD MGMT SYS F & V	98	22.0	454,412	1,935,461	*	*
307 IMP BIO EFF FLD CRP	1947	800.0	31,924,475	89,910,952	*	*
308 MECH PROD FIELD CRO	150	65.8	4,382,090	7,127,017	*	*
309 PROD MGMT SYS FLD C	269	73.1	2,006,005	7,552,072	*	*
310 ANIMAL REPRODUCTION	545	214.8	11,538,819	32,189,040	*	*
311 IMP BIO EFF ANML PR	1403	521.9	27,027,700	94,042,776	*	*
312 ENV STRESS IN ANML	206	62.7	2,870,015	8,004,547	*	*
313 PROD MGMT SYS ANML	297	72.2	2,761,053	11,361,412	*	*
314 BEES OTH POLLNTNG I	85	44.4	2,832,758	3,821,447	*	*
315 IMP STRUC FARM SUPP	130	45.0	1,323,012	5,197,932	*	*
316 FARM BUSINESS MGMT	162	53.3	1,171,883	3,778,825	*	*
317 MECH/STRUCTS ANML P	76	20.2	1,122,784	2,525,625	*	*
318 NON-COM BIO TECH/BI	1332	665.2	31,990,755	70,409,386	*	*
SUBTOTAL	8247	3247.6	144,715,926	400,519,077	*	*
SERIES 400						
401 NEW IMP FOREST PROD	188	210.1	13,707,881	20,776,155	*	*
402 PROD F & V IMP ACCE	315	70.9	2,200,189	7,286,420	*	*
403 NEW & IMP F&V PRCD	239	140.9	7,082,362	11,608,187	*	*
404 MKT QUAL FRTS & VEG	280	112.4	6,588,264	10,785,370	*	*
405 PROD FLD CROP IMP A	394	145.7	9,440,608	14,934,165	*	*
406 NEW IMP FOOD FLD CR	210	141.1	9,678,371	13,210,001	*	*
407 NEW IMP NON-FOOD FC	106	107.7	8,146,597	9,031,763	*	*
408 MKT QUAL FIELD CROP	152	62.9	4,701,478	6,302,057	*	*
409 PROD ANML PR IMP AC	167	48.5	3,215,033	7,322,613	*	*
410 IMP MEAT MILK EGG P	300	130.3	5,919,945	12,706,047	*	*
411 IMP NON-FOOD ANML P	38	35.5	3,041,361	3,249,358	*	*
412 MKT QUAL ANIMAL PRO	140	41.1	1,725,261	3,922,349	*	*
SUBTOTAL	2529	1247.0	75,447,349	121,134,485	*	*
SERIES 500						
501 IMP GRADES & STANDS	94	44.7	3,183,328	4,524,892	*	*
502 MKTG TIMBER PRODUCT	37	37.1	3,050,901	3,325,420	*	*
503 MKTG EFF AGRI PRCDs	308	100.4	4,733,646	7,512,174	*	*
506 SPLY DEMAND AND PRI	198	134.1	7,323,013	9,932,033	*	*
507 COMP REL IN AGRIC	72	26.7	1,227,766	1,916,710	*	*
508 DOMESTIC MKT DEVELP	49	19.3	708,946	1,296,178	*	*
509 PERFORMANCE MKTG SY	193	109.3	5,113,584	7,383,506	*	*
510 GROUP ACT MKT POWER	63	12.0	615,748	975,775	*	*
511 IMP AGRIC STATISTIC	37	14.4	312,997	1,507,835	*	*
512 IMP GRADES FRST PRO	18	13.2	717,705	1,038,962	*	*
513 PRICE ANAL FRST PRO	28	12.3	528,377	903,885	*	*
SUBTOTAL	1097	523.6	27,516,011	40,317,369	*	*
SERIES 600						
601 FGN MKT DEVELP	75	86.4	5,495,889	6,474,022	*	*
602 EVAL FGN FOOD AID P	6	0.4	46,469	30,980	*	*
603 TECH AID DEV CRTY	71	29.5	938,882	1,783,667	*	*
604 PRD DVLPMT/MKTG PRG	34	28.7	2,563,116	2,607,259	*	*
SUBTOTAL	186	145.0	9,044,356	10,895,927	*	*
SERIES 700						
701 TOX RES IN FOOD	268	103.2	8,268,282	12,904,482	*	*
702 FOOD PROT FROM TOX	287	141.8	9,067,992	14,184,780	*	*
703 FOOD CONSUMP HABITS	198	76.0	8,972,339	11,711,437	*	*
704 HOME COMM FOOD SERV	48	13.1	310,827	1,084,634	*	*
705 SEL CARE CLOTH & TE	68	17.2	535,035	1,340,431	*	*
706 CONTR INSECTS AFF M	153	71.6	3,349,978	6,237,466	*	*
707 TRANS ANIML MAN DI	28	8.7	67,550	1,074,047	*	*
708 HUMAN NUTRITION	518	210.5	21,427,282	31,367,241	*	*
709 REDUCE HAZ HLTH & S	119	72.6	5,868,382	6,433,176	*	*
SUBTOTAL	1687	714.7	57,867,667	86,337,695	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	59	32.6	1,743,307	2,762,961	*	*
802 INDIV & FAN DEC MAK	195	52.8	1,478,870	4,941,006	*	*
803 RURAL POVERTY	54	12.3	1,055,543	1,519,555	*	*
804 ECON POTENT RURL PE	113	36.9	1,540,027	2,995,247	*	*
805 COMMUNICAT RURAL PE	135	34.2	571,835	3,021,231	*	*
806 ADJUSTMENT TO CHANG	177	64.5	2,377,559	4,747,002	*	*
807 AGRIC ECONOMIC CHAN	162	77.9	6,157,297	8,568,610	*	*
808 GOV'T PROGRAMS	55	29.0	1,670,039	2,091,295	*	*
SUBTOTAL	950	340.1	16,594,477	30,646,907	*	*
SERIES 900						
901 ALLEV POLLUTION	792	372.4	19,479,619	38,558,635	*	*
902 OUTDOOR RECREATION	173	71.1	4,047,248	6,940,074	*	*
903 MULTI-USE-FOREST PO	99	46.3	3,469,572	4,803,766	*	*
904 WLDLFE AND FISH ECO	597	226.5	9,058,698	24,815,651	*	*
905 TREES BEAUTIFICATIO	125	47.3	3,192,629	5,692,901	*	*
906 ORNAMENT & TURF DEV	637	237.6	6,770,617	22,599,679	*	*
907 RURAL INCOME IMP	175	47.1	1,970,421	3,810,251	*	*
908 RURAL INSTITUT IMP	281	87.5	2,854,446	7,307,305	*	*
990 UNCLASSIFIED	72	132.6	3,205,848	21,327,616	*	*
SUBTOTAL	2951	1268.4	54,049,097	135,855,878	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL	26768	11287.0	642,718,643	1,247,217,474	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1401	505.6	22,347,970	52,384,426	*	*
0200 WATER	987	330.3	18,382,811	33,947,898	*	*
0300 WATERSHEDS RIVER BAS	258	180.8	16,498,709	20,294,773	*	*
0400 AIR AND CLIMATE	180	56.8	2,194,067	6,039,222	*	*
0500 RECREATION RESOURCES	156	76.2	6,548,047	9,181,911	*	*
0600 TIMBER FORST PRODUCT	1161	1045.9	85,489,930	111,714,903	*	*
0700 RANGE	374	149.2	10,606,621	17,114,304	*	*
0800 WILDLIFE AND FISH	603	228.0	9,754,859	25,492,724	*	*
0900 CITRUS SUB TROP FRUT	408	225.3	10,452,269	21,509,913	*	*
1000 FRUIT NUTS DECIDUCUS	1199	460.6	19,801,324	47,478,299	*	*
1100 POTATOES	372	128.0	5,773,088	12,795,464	*	*
1200 VEGETABLES	1577	557.3	22,247,618	53,932,144	*	*
1300 ORNAMENTALS TURF	656	246.2	7,598,650	23,975,932	*	*
1400 CORN	1064	312.7	16,669,959	32,953,384	*	*
1500 GRAIN SORGHUM	395	77.0	3,054,625	7,198,190	*	*
1600 RICE	181	61.6	2,360,587	5,954,626	*	*
1700 WHEAT	827	256.6	13,026,053	24,038,190	*	*
1800 OTHER SMALL GRAINS	523	115.1	5,096,937	11,676,594	*	*
1900 PASTURE	202	41.8	1,593,697	4,807,212	*	*
2000 FORAGE CROPS	1086	353.2	16,741,580	36,231,024	*	*
2100 COTTON	564	355.9	25,131,356	35,413,642	*	*
2200 COTTONSEED	62	29.9	2,651,879	2,754,257	*	*
2300 SOYBEANS	1020	331.6	17,500,286	34,829,431	*	*
2400 PEANUTS	221	80.1	4,106,421	8,073,896	*	*
2500 OTHER OILSEED CROFS	136	40.7	1,891,396	4,169,906	*	*
2600 TOBACCO	212	97.5	5,567,434	10,923,763	*	*
2700 SUGAR CROPS	255	104.3	8,608,572	12,666,991	*	*
2800 MISC NEW CROPS	164	61.1	3,563,327	6,190,571	*	*
2900 POULTRY	885	347.4	18,773,396	39,664,194	*	*
3000 BEEF CATTLE	1626	584.0	39,425,334	89,278,760	*	*
3100 DAIRY CATTLE	1338	430.8	30,157,340	62,731,614	*	*
3200 SWINE	743	237.4	19,230,567	37,043,257	*	*
3300 SHEEP AND WOOL	476	131.7	10,686,212	17,225,232	*	*
3400 OTHER ANIMALS	471	110.1	5,204,206	12,880,697	*	*
3500 BEES AND HONEY	85	44.4	2,832,758	3,821,447	*	*
3600 FARM SUPP & FACILITS	114	65.3	4,128,929	6,435,821	*	*
3700 CLOTHING & TEXTILES	72	17.7	597,601	1,382,874	*	*
3800 FOOD	628	276.6	24,805,571	36,776,793	*	*
3900 HOUSING & EQUIP	244	86.5	4,631,227	9,114,037	*	*
4000 PEOPLE AS INDIVIDUAL	700	247.3	11,441,465	22,861,974	*	*
4100 FAMILY MEMBERS	216	66.9	4,880,006	8,431,795	*	*
4200 FARM AS BUSINESS	208	82.6	3,695,215	6,987,850	*	*
4300 SOC POLIT ORGANIZ	437	144.8	4,680,003	11,266,258	*	*
4400 AGRIC ECONOMY U S	135	61.6	4,287,999	6,587,584	*	*
4500 AGRIC ECONOMY FORGN	57	85.3	5,303,860	6,043,378	*	*
4600 FARM COOPERATIVES	62	9.7	569,067	882,076	*	*
4700 OTH MARKET PROCESS	49	7.3	172,982	510,711	*	*
4800 MARKETING SYSTEMS	108	56.2	2,943,130	4,608,710	*	*
6100 WEEDS	102	28.2	2,247,133	3,033,849	*	*
6200 SEED RESEARCH	49	19.8	1,108,524	1,996,700	*	*
6300 BIO CELL SYSTEMS	261	96.4	2,941,471	11,196,138	*	*
6400 EXP DESIGN/STAT METH	74	29.7	373,530	2,916,963	*	*
6500 INVERTEBRATES	358	210.6	12,122,715	20,324,829	*	*
6600 MICROORGANISMS, VIRUS	320	108.4	5,453,015	13,519,149	*	*
6700 PLANTS	997	428.4	27,843,108	46,084,365	*	*
6800 ANIMALS (VERTEBRATES)	454	156.7	5,517,392	18,164,797	*	*
6900 RESEARCH ON RSCH MGM	34	13.8	133,749	1,083,390	*	*
7000 RSCH EQUIP & TECHNOL	128	32.6	861,535	3,323,168	*	*
9900 UNCLASSIFIED	63	111.1	3,179,573	18,743,087	*	*
TOTAL	27738	10838.7	625,488,683	1,198,664,687	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	197	71.2	1,026,367	7,293,406	*	*
102 SOIL PLNT WTR NUTRI	686	252.7	12,534,371	26,160,417	*	*
103 MGMT OF SALINE SCIL	69	28.2	1,507,835	2,875,264	*	*
104 ALTERN USE OF LAND	192	76.8	2,303,224	6,298,033	*	*
105 CONSERV USE OF WATE	371	130.2	8,172,324	13,355,969	*	*
106 DRAIN AND IRRIGATIO	194	67.9	5,405,050	7,127,986	*	*
107 WATERSHED PROT & MG	285	214.6	19,748,300	24,571,983	*	*
108 ECON LEG PROB OF WA	55	24.5	924,905	1,887,874	*	*
109 WEATHER ADAPT & MOD	138	42.2	1,298,439	4,415,772	*	*
110 APPRAIS FORST & RAN	113	79.9	10,795,018	12,848,054	*	*
111 BIOL CULT MGMT FORS	319	276.8	19,284,631	25,758,648	*	*
112 IMPROV RANGE RESCR	239	84.8	5,525,882	9,707,252	*	*
113 REMOTE SENSING	47	16.5	860,962	2,109,611	*	*
114 RSCH ON MGMT OF ESC	31	13.6	112,462	1,028,618	*	*
SUBTOTAL	2936	1379.9	89,499,770	145,438,887	*	*
SERIES 200						
201 CNTRL FORST INSECTS	212	144.8	12,460,690	14,984,993	*	*
202 CONTROL FOREST DIS	139	90.3	9,208,889	11,362,142	*	*
203 FOREST FIRE PROTECT	25	65.6	7,644,022	8,031,296	*	*
204 CNTR PESTS FRT & VE	518	200.6	11,244,090	21,776,254	*	*
205 CNTR DISE FRT & VEG	840	269.2	11,356,439	27,044,895	*	*
206 CNTR WEEDS FRT & VE	207	63.3	1,994,701	5,578,140	*	*
207 CNTR PESTS FLD CROP	741	320.3	21,303,612	34,793,079	*	*
208 CNTR DIS FIELD CROP	956	333.9	19,206,369	34,082,093	*	*
209 CNTR WEEDS FLD CROP	440	152.0	7,991,742	16,078,787	*	*
210 CNTR PESTS ANIMALS	161	80.7	6,338,934	7,839,800	*	*
211 CNTR DIS ANIMALS	913	383.3	40,522,716	57,413,815	*	*
212 CNTR INTER PARASITE	147	67.8	6,671,675	8,350,278	*	*
213 PROT ANMLS FROM TOX	162	52.2	4,682,479	6,566,056	*	*
214 PROTECT FROM POLLUT	260	74.3	4,393,098	10,259,056	*	*
SUBTOTAL	5721	2298.4	165,019,457	264,160,683	*	*
SERIES 300						
301 GENET BREED FORST T	102	65.9	4,670,501	7,306,138	*	*
302 IMP FOREST ENG SYS	23	22.8	1,881,955	2,530,659	*	*
303 ECON TIMBER PRODUCT	38	18.9	853,704	2,062,301	*	*
304 IMP BIO EFF FRT & V	1117	392.5	12,167,836	41,935,267	*	*
305 MECH PROD FRT & VEG	162	50.7	2,091,571	5,163,609	*	*
306 PROD MGMT SYS F & V	96	21.8	412,828	1,893,878	*	*
307 IMP BIO EFF FLD CRP	1900	783.8	30,496,916	87,253,485	*	*
308 MECH PROD FIELD CRO	150	65.8	4,382,090	7,127,017	*	*
309 PROD MGMT SYS FLD C	267	72.6	1,976,519	7,494,547	*	*
310 ANIMAL REPRODUCTION	522	205.0	10,505,284	30,745,277	*	*
311 IMP BIO EFF ANML PR	1361	509.7	24,950,616	90,881,947	*	*
312 ENV STRESS IN ANML	204	61.2	2,870,015	7,935,641	*	*
313 PROD MGMT SYS ANML	286	69.9	2,402,616	10,823,053	*	*
314 BEES OTH POLLNTNG I	85	44.4	2,832,758	3,821,447	*	*
315 IMP STRUC FARM SUPP	123	42.6	1,317,244	4,965,503	*	*
316 FARM BUSINESS MGMT	156	52.0	969,292	3,475,107	*	*
317 MECH/STRUCTS ANML P	76	20.2	1,122,784	2,525,625	*	*
318 NON-COM BIO TECH/BI	1316	662.8	31,810,773	69,912,244	*	*
SUBTOTAL	7984	3162.7	137,715,303	387,852,743	*	*
SERIES 400						
401 NEW IMP FOREST PROD	137	181.2	13,533,025	18,561,773	*	*
402 PROD F & V IMP ACCE	309	69.2	2,183,739	7,147,444	*	*
403 NEW & IMP F&V PRCD	238	140.8	7,082,362	11,607,215	*	*
404 MKT QUAL FETS & VEG	279	112.3	6,585,425	10,782,531	*	*
405 PROD FLD CROP IMF A	383	143.6	9,362,937	14,710,007	*	*
406 NEW IMP FOOD FLD CR	201	137.3	9,243,343	12,528,419	*	*
407 NEW IMP NON-FOOD FC	106	107.7	8,146,597	9,031,763	*	*
408 MKT QUAL FIELD CROP	152	62.9	4,701,478	6,302,057	*	*
409 PROD ANML PR IMP AC	155	44.2	2,438,885	6,176,215	*	*
410 IMP MEAT MILK EGG P	299	130.3	5,887,935	12,674,037	*	*
411 IMP NON-FOOD ANML P	38	35.5	3,041,361	3,249,358	*	*
412 MKT QUAL ANIMAL PRO	136	40.1	1,720,384	3,814,507	*	*
SUBTOTAL	2433	1205.1	73,927,472	116,585,328	*	*
SERIES 500						
501 IMP GRADES & STANDS	94	44.7	3,183,328	4,524,892	*	*
502 MKTG TIMBER PRODUCT	33	35.1	3,041,277	3,191,020	*	*
503 MKTG EFF AGRI PRCD	305	100.0	4,733,646	7,411,159	*	*
506 SPLY DEMAND AND PRI	197	132.9	7,273,627	9,882,647	*	*
507 COMP REL IN AGRIC	72	26.7	1,227,766	1,916,710	*	*
508 DOMESTIC MKT DEVELP	49	19.3	708,946	1,296,178	*	*
509 PERFORMANCE MKTG SY	191	109.2	5,111,290	7,375,764	*	*
510 GROUP ACT MKT POWER	59	10.0	583,128	851,202	*	*
511 IMP AGRIC STATISTIC	35	13.3	301,805	1,431,433	*	*
512 IMP GRADES PRST PRO	15	12.0	717,705	956,023	*	*
513 PRICE ANAL PRST PRO	17	8.9	497,172	693,834	*	*
SUBTOTAL	1067	512.1	27,379,689	39,530,861	*	*
SERIES 600						
601 FGN MKT DEVELP	75	86.4	5,495,889	6,474,022	*	*
602 EVAL FGN FOOD AID P	6	0.4	46,469	30,980	*	*
603 TECH AID DEV CRTY	66	29.2	929,884	1,748,493	*	*
604 PRD DVLPMT/MKTG FRG	34	28.7	2,563,116	2,607,259	*	*
SUBTOTAL	181	144.7	9,035,358	10,860,754	*	*
SERIES 700						
701 TOX RES IN FOOD	261	100.2	8,057,952	12,520,488	*	*
702 FOOD PROT FROM TOX	280	140.3	9,032,918	14,022,502	*	*
703 FOOD CONSUMP HABITS	157	60.0	8,621,783	10,384,309	*	*
704 HOME COMM FOOD SERV	46	13.0	310,827	1,076,207	*	*
705 SEL CARE CLOTH & TE	64	15.3	527,009	1,232,137	*	*
706 CONTR INSECTS AFF M	153	71.6	3,349,978	6,237,466	*	*
707 TRANS ANIML MAN DI	27	8.6	67,550	1,065,791	*	*
708 HUMAN NUTRITION	454	187.7	20,642,462	28,867,894	*	*
709 REDUCE HAZ HLTH & S	115	69.8	5,792,145	6,070,624	*	*
SUBTOTAL	1557	666.6	56,402,624	81,477,417	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	53	29.9	1,732,115	2,572,951	*	*
802 INDIV & FAM DEC MAK	168	43.9	1,000,385	4,038,266	*	*
803 RURAL POVERTY	31	4.8	149,095	361,637	*	*
804 ECON POTENT RURL FE	88	30.6	1,323,805	2,498,295	*	*
805 COMMUNICAT RURAL PE	116	30.1	261,988	2,465,783	*	*
806 ADJUSTMENT TO CHANG	157	57.4	2,261,698	4,146,366	*	*
807 AGRIC ECONOMIC CHAN	152	75.7	6,134,656	8,422,163	*	*
808 GOV'T PROGRAMS	55	29.0	1,670,039	2,091,295	*	*
SUBTOTAL	820	301.4	14,533,781	26,596,756	*	*
SERIES 900						
901 ALLEV POLLUTION	748	345.6	18,403,122	36,267,955	*	*
902 OUTDOOR RECREATICN	140	60.5	3,879,671	6,202,122	*	*
903 MULTI-USE-FOREST PO	76	41.8	3,348,199	4,373,610	*	*
904 WLDLFE AND FISH ECO	511	199.8	8,649,615	22,271,439	*	*
905 TREES BEAUTIFICATIO	118	40.1	3,192,052	5,221,271	*	*
906 ORNAMENT & TURF DEV	634	237.2	6,770,617	22,540,161	*	*
907 RURAL INCOME IMP	163	45.7	1,970,421	3,568,821	*	*
908 RURAL INSTITUT IMP	271	86.1	2,581,960	6,972,792	*	*
990 UNCLASSIFIED	63	111.1	3,179,573	18,743,087	*	*
SUBTOTAL	2724	1167.8	51,975,230	126,161,258	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	25423	10838.7	625,488,683	1,198,664,687	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPE/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	292	169.0	16,989,552	17,377,582	13.1	1,262,923
0200 WATER	291	159.4	16,088,789	16,693,969	3.6	1,108,177
0300 WATERSHEDS RIVER BAS	143	151.4	15,943,321	16,677,916	0.7	246,707
0400 AIR AND CLIMATE	49	20.9	1,669,370	1,735,920	0.4	20,082
0500 RECREATION RESOURCES	18	35.7	5,723,100	5,985,350	0.0	0
0600 TIMBER FORST PRODUCT	237	706.7	77,979,587	79,774,959	1.6	1,421,633
0700 RANGE	101	77.6	9,791,284	9,898,314	1.9	183,835
0800 WILDLIFE AND FISH	53	71.8	7,925,856	8,173,689	1.4	544,608
0900 CITRUS SUB TROP FRUT	116	87.0	9,243,034	9,243,034	0.0	428,574
1000 FRUIT NUTS DECIDUOUS	199	135.5	14,667,492	14,667,492	5.8	924,733
1100 POTATOES	66	44.6	4,242,921	4,242,921	0.1	212,790
1200 VEGETABLES	283	137.5	15,819,771	15,819,771	5.0	1,448,412
1300 ORNAMENTALS TURF	57	34.0	4,816,249	4,816,249	0.0	77,215
1400 CORN	217	126.0	12,813,262	12,814,762	2.5	443,349
1500 GRAIN SORGHUM	96	25.4	2,307,260	2,308,160	0.0	9,748
1600 RICE	67	23.6	2,018,163	2,019,063	0.1	25,579
1700 WHEAT	194	115.9	10,811,709	10,813,209	4.6	813,885
1800 OTHER SMALL GRAINS	112	35.9	3,697,889	3,698,489	1.3	195,830
1900 PASTURE	35	9.7	1,142,117	1,142,117	0.5	109,006
2000 FORAGE CROPS	205	106.1	11,808,069	11,808,669	6.1	1,034,203
2100 COTTON	213	228.5	23,080,951	23,098,951	0.6	447,252
2200 COTTONSEED	42	35.1	2,604,915	2,604,915	8.2	206,154
2300 SOYBEANS	196	121.6	13,465,593	13,483,593	1.3	1,111,960
2400 PEANUTS	70	40.8	3,627,249	3,631,249	0.5	37,971
2500 OTHER OILSEED CROPS	37	18.3	1,621,447	1,621,447	0.0	15,164
2600 TOBACCO	48	39.2	4,668,645	4,668,645	4.4	707,788
2700 SUGAR CROPS	85	52.9	7,805,461	7,805,461	0.1	176,751
2800 MISC NEW CROPS	42	34.1	3,029,438	3,029,438	0.2	15,591
2900 POULTRY	141	100.9	12,602,834	12,602,834	0.4	1,201,715
3000 BEEF CATTLE	316	192.4	28,617,374	28,631,245	7.2	3,936,310
3100 DAIRY CATTLE	233	127.1	21,607,519	21,607,519	5.3	3,634,637
3200 SWINE	159	79.9	14,733,384	14,743,041	0.4	2,278,142
3300 SHEEP AND WOOL	136	61.8	8,942,779	8,943,052	2.4	873,293
3400 OTHER ANIMALS	63	18.7	3,620,059	3,620,059	0.2	1,028,242
3500 BEES AND HONEY	40	28.8	2,598,852	2,598,852	1.5	241,370
3600 FARM SUPP & FACILITS	21	41.4	3,780,231	3,821,874	0.0	28,627
3700 CLOTHING & TEXTILES	5	3.2	247,020	247,020	1.0	46,392
3800 FOOD	138	127.6	21,715,844	22,041,411	3.4	1,104,861
3900 HOUSING & EQUIP	41	30.4	3,890,575	3,921,635	1.7	467,508
4000 PEOPLE AS INDIVIDUAL	83	80.7	8,596,508	8,596,508	5.3	456,230
4100 FAMILY MEMBERS	23	15.0	3,926,888	3,949,372	0.5	156,540
4200 FARM AS BUSINESS	9	17.3	2,529,174	2,653,174	0.0	9,000
4300 SOC POLIT ORGANIZ	30	22.3	2,020,888	2,341,798	0.2	173,588
4400 AGRIC ECONOMY U S	26	32.7	3,702,672	3,789,672	0.2	68,100
4500 AGRIC ECONOMY FORGN	25	71.5	5,193,860	5,276,860	0.1	63,860
4600 FARM COOPERATIVES	25	5.0	455,900	455,900	0.0	73,100
4700 OTH MARKET PROCESS	6	0.8	27,651	27,651	0.0	27,257
4800 MARKETING SYSTEMS	10	28.8	2,306,844	2,340,315	0.0	14,550
6100 WEEDS	46	19.1	2,037,847	2,037,847	1.5	102,644
6200 SEED RESEARCH	13	9.6	1,001,081	1,001,081	0.0	0
6300 BIO CELL SYSTEMS	38	11.4	2,132,447	2,132,447	0.1	23,581
6400 EXP DESIGN/STAT METH	1	5.0	250,000	250,000	0.0	0
6500 INVERTEBRATES	90	109.3	11,211,373	11,211,373	3.1	285,682
6600 MICROORGANISMS,VIRUS	69	22.5	4,545,878	4,545,878	0.2	441,103
6700 PLANTS	304	213.6	24,972,956	24,991,399	4.6	2,807,495
6800 ANIMALS (VERTEBRATES)	72	39.6	4,255,863	4,266,985	0.7	310,093
6900 RESEARCH ON RSCH MGM	1	0.0	21,287	21,287	0.0	21,287
7000 RSCH EQUIP & TECHNOL	15	6.1	610,732	610,732	0.2	61,605
9900 UNCLASSIFIED	4	8.6	941,821	941,821	0.0	103,053
TOTAL	5747	4375.1	508,500,638	513,875,978	103.9	33,271,784

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FND APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	2	0.5	98,832	98,832	0.0	40,000
102 SOIL PLNT WTR NUTRI	143	95.3	10,120,414	10,125,374	13.2	1,080,600
103 MGMT OF SALINE SOIL	10	13.2	1,412,945	1,412,945	0.0	19,758
104 ALTERN USE OF LAND	19	25.5	1,266,640	1,266,640	0.0	72,750
105 CONSERV USE OF WATE	116	67.9	7,425,502	7,404,302	0.5	531,144
106 DRAIN AND IRRIGATIO	72	40.8	5,085,761	5,118,061	3.6	1,097,208
107 WATERSHED PROT & MG	147	175.4	19,048,744	19,775,539	0.6	349,485
108 ECON LEG PROB OF WA	11	10.5	768,954	810,204	0.1	48,817
109 WEATHER ADAPT & MOD	20	10.0	757,877	876,877	0.0	40,992
110 APPRAIS FORST & RAN	15	58.2	10,471,059	10,767,789	0.0	73,159
111 BIOL CULT MGMT FCRS	63	194.8	17,234,865	17,851,227	0.0	15,936
112 IMPROV RANGE RESCR	64	41.0	5,003,485	5,013,495	1.8	161,778
113 REMOTE SENSING	6	7.0	707,947	707,947	0.0	2,526
SUBTOTAL	688	740.2	79,403,024	81,789,381	19.7	3,534,153
SERIES 200						
201 CNTRL FORST INSECTS	61	104.2	11,599,579	11,664,719	1.6	1,189,956
202 CONTROL FOREST DIS	26	57.2	8,369,386	8,460,386	0.0	1,536
203 FOREST FIRE PROTECT	16	64.4	7,631,650	7,848,900	0.0	0
204 CNTR PESTS FRT & VE	122	69.2	9,547,817	9,547,817	1.3	802,866
205 CNTR DISE FRT & VEG	158	61.9	8,344,039	8,344,039	3.7	1,267,955
206 CNTR WEEDS FRT & VE	39	19.5	1,250,389	1,250,389	0.8	66,572
207 CNTR PESTS FLD CROP	229	152.9	17,929,170	17,929,170	1.0	436,363
208 CNTR DIS FIELD CROP	263	128.6	15,438,762	15,438,762	3.6	891,301
209 CNTR WEEDS FLD CROP	133	61.7	6,503,712	6,503,712	2.5	412,566
210 CNTR PESTS ANIMALS	41	48.6	5,740,368	5,740,368	0.7	738,589
211 CNTR DIS ANIMALS	214	133.9	33,664,291	33,664,291	5.9	7,358,810
212 CNTR INTER PARASITE	39	34.8	5,838,768	5,838,768	0.0	1,141,285
213 PROT ANMLS FROM TOX	42	28.6	4,111,999	4,111,999	0.0	872,312
214 PROTECT FROM POLLUT	29	23.9	3,627,376	3,762,626	0.2	104,728
SUBTOTAL	1412	989.5	139,597,306	140,105,946	21.3	15,284,838
SERIES 300						
301 GENET BREED FORST T	13	36.5	3,694,700	3,834,900	0.0	0
302 IMP FOREST ENG SYS	4	13.9	1,728,250	1,735,050	0.0	0
303 ECON TIMBER PRODUCT	5	7.1	629,817	629,817	0.0	74,317
304 IMP BIO EFF FRT & V	124	55.5	7,805,807	7,805,807	1.2	235,795
305 MECH PROD FRT & VEG	21	12.7	1,394,099	1,394,099	0.0	78,605
306 PROD MGMT SYS F & V	6	1.2	166,981	166,981	0.7	122,020
307 IMP BIO EFF FLD CRO	366	169.6	21,070,107	21,070,107	4.9	1,154,155
308 MECH PROD FIELD CRO	45	36.1	3,831,029	3,831,029	0.0	123,011
309 PROD MGMT SYS FLD C	25	8.3	873,905	873,905	0.4	98,900
310 ANIMAL REPRODUCTION	54	39.4	6,300,267	6,300,267	0.5	261,918
311 IMP BIO EFF ANML PR	132	74.7	13,691,028	13,691,028	4.8	1,798,876
312 ENV STRESS IN ANML	28	12.7	1,687,848	1,687,848	1.7	312,877
313 PROD MGMT SYS ANML	15	6.2	897,364	897,364	2.1	95,970
314 BEES OTH POLLNTNG I	40	28.8	2,598,852	2,598,852	1.5	241,370
315 IMP STRUC FARM SUPP	12	6.0	818,527	818,527	0.0	0
317 MECH/STRUCTS ANML P	11	5.3	783,728	783,728	0.0	45,639
318 NON-COM BIO TECH/BI	260	232.7	27,840,785	27,840,785	6.8	1,128,734
SUBTOTAL	1161	746.6	95,813,092	95,960,092	24.6	5,772,187
SERIES 400						
401 NEW IMP FOREST PROD	24	113.1	12,489,800	12,904,800	0.0	0
402 PROD F & V IMP ACCE	46	13.0	1,398,657	1,398,657	0.4	18,172
403 NEW & IMP F&V PRCD	46	76.3	6,034,046	6,034,046	0.0	71,511
404 MKT QUAL FRTS & VEG	88	57.7	5,338,306	5,338,306	1.0	135,215
405 PROD FLD CROP IMP A	139	79.3	8,029,745	8,029,745	2.8	246,856
406 NEW IMP FOOD FLD CR	60	103.7	8,510,991	8,510,991	1.8	234,027
407 NEW IMP NON-FOOD FC	57	95.0	7,913,857	7,913,857	0.2	166,790
408 MKT QUAL FIELD CROP	63	45.5	4,360,771	4,360,771	1.0	18,396
409 PROD ANML PR IMP AC	10	5.8	947,272	947,272	0.0	0
410 IMP MEAT MILK EGG P	30	47.2	4,036,483	4,036,483	0.0	40,116
411 IMP NON-FOOD ANML P	17	33.1	3,019,922	3,019,922	0.1	134,801
412 MKT QUAL ANIMAL PRO	18	11.3	1,012,790	1,012,790	0.0	36,512
SUBTOTAL	598	680.8	63,092,641	63,507,641	7.2	1,102,395
SERIES 500						
501 IMP GRADES & STANDS	30	25.9	2,821,786	2,826,786	0.0	132,982
502 MKTG TIMBER PRODUCT	11	30.4	2,913,878	2,913,878	0.0	62,278
503 MKTG EFF AGRIC PRCD	87	44.1	3,374,521	3,394,521	0.4	374,676
506 SPLY DEMAND AND PRI	39	88.5	5,972,152	6,021,152	0.1	89,764
507 COMP REL IN AGRIC	9	16.1	951,720	989,328	0.0	29,100
508 DOMESTIC MKT DEVELP	6	8.2	464,985	510,537	0.0	2,813
509 PERFORMANCE MKTG SY	43	63.1	3,969,508	4,009,709	0.0	114,864
510 GROUP ACT MKT POWER	26	5.0	470,450	470,450	0.0	87,650
511 IMP AGRIC STATISTIC	1	5.0	250,000	250,000	0.0	0
512 IMP GRADES FRST PRO	2	9.0	667,000	673,400	0.0	0
513 PRICE ANAL FRST PRO	2	5.5	410,400	410,400	0.0	0
SUBTOTAL	256	300.8	22,266,399	22,470,160	0.5	894,127
SERIES 600						
601 FGN MKT DEVELP	24	71.4	5,130,000	5,213,000	0.0	0
602 EVAL FGN FOOD AID P	1	0.1	42,574	42,574	0.1	42,574
603 TECH AID DEV CRTY	14	6.7	920,949	920,949	1.4	378,126
604 PRD DVLPMNT/MKTG FRG	26	28.2	2,551,393	2,551,393	0.0	0
SUBTOTAL	65	106.3	8,644,916	8,727,916	1.4	420,699
SERIES 700						
701 TOX RES IN FOOD	74	42.7	6,993,610	6,993,610	0.0	1,840,720
702 FOOD PROT FROM TOX	76	82.9	7,765,239	7,765,239	0.4	253,435
703 FOOD CONSUMP HABITS	24	31.6	8,092,619	8,366,634	1.0	283,979
704 HOME COMM FOOD SERV	2	1.1	67,422	67,422	0.0	0
705 SEL CARE CLOTH & TE	5	3.2	247,020	247,020	1.0	46,392
706 CONTR INSECTS AFF M	29	31.4	2,813,812	2,813,812	1.8	136,094
707 TRANS ANML MAN DI	1	0.3	19,990	19,990	0.0	0
708 HUMAN NUTRITION	134	93.0	18,805,075	18,805,075	8.1	1,031,312
709 REDUCE HAZ HLTH & S	56	65.9	5,563,751	5,563,751	11.6	756,367
SUBTOTAL	401	351.9	50,368,537	50,642,552	23.9	4,348,300

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	6	14.7	1,498,990	1,514,190	0.0	0
802 INDIV & FAM DEC MAK	5	3.3	260,682	260,682	0.0	14,550
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
804 ECON POTENT RURL EE	5	7.6	752,900	767,084	0.0	0
806 ADJUSTMENT TO CHANG	7	14.1	1,376,713	1,376,713	0.0	10,913
807 AGRIC ECONOMIC CHAN	29	41.9	5,532,626	5,774,696	0.4	87,000
808 GOV'T PROGRAMS	19	22.9	1,562,271	1,582,271	0.0	0
SUBTOTAL	72	104.5	10,995,094	11,286,548	0.4	123,375
SERIES 900						
901 ALLEV POLLUTION	152	160.9	15,244,625	15,546,675	3.6	901,566
902 OUTDOOR RECREATION	13	22.9	3,108,100	3,235,100	0.0	0
903 MULTI-USE-FOREST PO	13	27.4	3,072,150	3,188,450	0.0	0
904 WLDLFE AND FISH ECO	42	66.4	7,100,972	7,330,325	1.3	523,973
905 TREES BEAUTIFICATIO	20	15.6	2,808,478	2,808,978	0.0	4,204
906 ORNAMENT & TURF DEV	53	31.5	4,036,807	4,036,807	0.0	77,040
907 RURAL INCOME IMP	7	8.1	1,011,088	1,103,998	0.0	76,388
908 RURAL INSTITUT IMP	18	12.9	995,588	1,193,588	0.0	105,488
990 UNCLASSIFIED	4	8.6	941,821	941,821	0.0	103,053
SUBTOTAL	322	354.4	38,319,628	39,385,741	4.9	1,791,710
SCIENCE IN SERV OF MAN	4975	4375.1	508,500,638	513,875,978	103.9	33,271,784
GRAND TOTAL						

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - AGRICULTURAL RESEARCH

AR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	240	134.5	13,851,507	13,851,507	12.6	843,408
0200 WATER	242	127.7	14,181,726	14,181,726	2.9	1,042,194
0300 WATERSHEDS RIVER BAS	81	58.4	6,672,554	6,672,554	0.5	24,771
0400 AIR AND CLIMATE	22	9.8	959,270	959,270	0.1	10,882
0600 TIMBER FORST PRODUCT	25	18.5	2,751,421	2,751,421	1.6	287,557
0700 RANGE	80	46.8	5,600,284	5,600,284	1.9	183,835
0800 WILDLIFE AND FISH	18	5.2	611,280	611,280	1.4	198,802
0900 CITRUS SUB TROP FRUT	103	81.8	8,902,520	8,902,520	0.0	426,147
1000 FRUIT NUTS DECIDUCUS	182	130.0	14,133,047	14,133,047	5.8	709,995
1100 POTATOES	52	42.5	3,792,516	3,792,516	0.1	25,592
1200 VEGETABLES	247	129.3	14,167,792	14,167,792	5.0	1,078,974
1300 ORNAMENTALS TURF	54	33.9	4,811,289	4,811,289	0.0	76,397
1400 CORN	174	118.6	11,491,956	11,491,956	2.5	232,328
1500 GRAIN SORGHUM	73	22.4	2,125,144	2,125,144	0.0	9,748
1600 RICE	43	20.6	1,833,173	1,833,173	0.1	22,705
1700 WHEAT	156	109.0	9,797,307	9,797,307	4.6	376,117
1800 OTHER SMALL GRAINS	79	33.7	3,186,161	3,186,161	1.3	155,292
1900 PASTURE	32	9.7	1,071,258	1,071,258	0.5	108,147
2000 FORAGE CROPS	171	104.1	11,011,979	11,011,979	6.1	948,245
2100 COTTON	198	220.5	22,315,146	22,315,146	0.6	349,323
2200 COTTONSEED	41	33.8	2,471,794	2,471,794	8.2	206,154
2300 SOYBEANS	161	115.1	11,656,073	11,656,073	1.3	395,381
2400 PEANUTS	64	39.8	3,501,690	3,501,690	0.5	29,871
2500 OTHER OILSEED CROES	36	18.1	1,602,429	1,602,429	0.0	15,164
2600 TOBACCO	47	39.2	4,644,645	4,644,645	4.4	683,788
2700 SUGAR CROPS	80	52.9	7,758,561	7,758,561	0.1	159,852
2800 MISC NEW CROPS	40	34.1	2,908,438	2,908,438	0.2	15,591
2900 POULTRY	105	91.8	10,922,744	10,922,744	0.4	102,837
3000 BEEF CATTLE	258	180.6	25,179,847	25,179,847	7.2	1,232,353
3100 DAIRY CATTLE	187	112.5	18,162,207	18,162,207	5.3	1,138,339
3200 SWINE	123	71.6	12,324,060	12,324,060	0.4	377,174
3300 SHEEP AND WOOL	121	60.5	8,515,968	8,515,968	2.4	526,732
3400 OTHER ANIMALS	53	18.7	2,960,010	2,960,010	0.2	501,017
3500 BEES AND HONEY	40	28.8	2,598,852	2,598,852	1.5	241,370
3600 FARM SUPP & FACILITS	6	3.9	307,068	307,068	0.0	0
3700 CLOTHING & TEXTILES	5	3.2	247,020	247,020	1.0	46,392
3800 FOOD	75	75.6	13,661,291	13,661,291	3.4	562,539
3900 HOUSING & EQUIP	34	17.2	2,229,953	2,229,953	1.7	403,486
4000 PEOPLE AS INDIVIDUAL	72	64.1	6,982,895	6,982,895	5.3	409,871
4100 FAMILY MEMBERS	17	6.7	3,023,338	3,023,338	0.5	141,990
4500 AGRIC ECONOMY FORGN	1	0.1	63,860	63,860	0.1	63,860
4700 OTH MARKET PROCESS	5	0.8	394	394	0.0	0
4800 MARKETING SYSTEMS	2	0.6	52,655	52,655	0.0	0
6100 WEEDS	41	19.1	1,903,253	1,903,253	1.5	98,050
6200 SEED RESEARCH	13	9.6	1,001,081	1,001,081	0.0	0
6300 BIO CELL SYSTEMS	18	11.4	1,178,447	1,178,447	0.1	23,581
6500 INVERTEBRATES	80	109.3	10,840,021	10,840,021	3.1	279,830
6600 MICROORGANISMS,VIEUS	44	22.5	2,856,361	2,856,361	0.2	186,587
6700 PLANTS	190	205.3	19,889,127	19,889,127	4.4	1,119,201
6800 ANIMALS (VERTEBRATES)	34	34.0	3,762,341	3,762,341	0.5	147,332
6900 RESEARCH ON RSCH MGM	1	0.0	21,287	21,287	0.0	21,287
7000 RSCH EQUIP & TECHNOL	13	6.1	595,632	595,632	0.2	46,505
9900 UNCLASSIFIED	4	8.6	941,821	941,821	0.0	103,053
TOTAL	4283	2952.6	338,032,495	338,032,495	101.5	16,389,642

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- AGRICULTURAL RESEARCH AR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
<b>SERIES 100</b>						
101 APPRAIS OF SOIL RES	1	0.5	58,832	58,832	0.0	0
102 SOIL PLNT WTR NUTRI	139	93.5	9,820,804	9,820,804	13.2	952,190
103 MGMT OF SALINE SOIL	10	13.2	1,412,945	1,412,945	0.0	19,758
105 CONSERV USE OF WATE	106	61.1	7,117,992	7,117,992	0.5	508,984
106 DRAIN AND IRRIGATIO	71	40.1	5,073,411	5,073,411	3.6	1,097,208
107 WATERSHED PROT & MG	112	85.6	9,430,554	9,430,554	0.6	129,435
108 ECON LEG PROB OF WA	2	0.3	70,954	70,954	0.1	48,817
109 WEATHER ADAPT & MOD	13	5.7	682,787	682,787	0.0	30,312
111 BIOL CULT MGMT PCRS	1	0.4	54,369	54,369	0.0	0
112 IMPROV RANGE RESOR	58	29.0	3,551,785	3,551,785	1.8	161,778
113 REMOTE SENSING	6	7.0	707,947	707,947	0.0	2,526
SUBTOTAL	519	336.2	37,982,379	37,982,379	19.7	2,951,008
<b>SERIES 200</b>						
201 CNTRL PORST INSECTS	11	7.9	934,022	934,022	1.6	283,528
204 CNTR PESTS PRT & VE	112	69.2	9,265,985	9,265,985	1.3	521,034
205 CNTR DISE PRT & VEG	146	61.9	7,938,218	7,938,218	3.7	1,020,634
206 CNTR WEEDS PRT & VE	35	19.5	1,072,432	1,072,432	0.8	63,616
207 CNTR PESTS FLD CROP	214	152.4	17,397,461	17,397,461	1.0	338,654
208 CNTR DIS FIELD CROP	226	128.6	13,734,758	13,734,758	3.6	418,797
209 CNTR WEEDS FLD CROP	123	61.7	6,414,008	6,414,008	2.5	349,862
210 CNTR PESTS ANIMALS	35	48.6	5,240,691	5,240,691	0.7	238,912
211 CNTR DIS ANIMALS	150	133.9	27,801,207	27,801,207	5.9	1,696,726
212 CNTR INTER PARASITE	29	34.8	4,792,069	4,792,069	0.0	94,586
213 PROT ANMLS FROM TOX	35	28.6	3,367,407	3,367,407	0.0	127,720
214 PROTECT FROM POLLUT	19	13.3	1,476,744	1,476,744	0.2	42,596
SUBTOTAL	1135	760.4	99,435,004	99,435,004	21.3	5,196,665
<b>SERIES 300</b>						
304 IMP BIO EFF PRT & V	101	55.5	6,415,337	6,415,337	1.2	164,326
305 MECH PROD PRT & VEG	21	12.7	1,394,099	1,394,099	0.0	78,605
306 PROD MGMT SYS P & V	5	1.2	149,740	149,740	0.7	104,779
307 IMP BIO EFF FLD CRP	321	169.6	18,442,732	18,442,732	4.9	639,780
308 MECH PROD FIELD CRO	44	36.1	3,801,929	3,801,929	0.0	93,911
309 PROD MGMT SYS FLD C	21	5.1	670,661	670,661	0.4	58,671
310 ANIMAL REPRODUCTION	52	39.4	6,189,792	6,189,792	0.5	151,444
311 IMP BIO EFF ANML PR	124	74.7	12,951,387	12,951,387	4.8	1,059,235
312 ENV STRESS IN ANML	25	11.5	1,466,136	1,466,136	1.7	191,428
313 PROD MGMT SYS ANML	14	5.0	840,196	840,196	2.1	95,970
314 BEES OTH POLLNTNG I	40	28.8	2,598,852	2,598,852	1.5	241,370
315 IMP STRUC FARM SUPP	11	6.0	793,527	793,527	0.0	0
317 MECH/STRUCTS ANML P	11	5.3	783,728	783,728	0.0	45,639
318 NON-COM BIO TECH/BI	202	232.7	24,110,196	24,110,196	6.8	945,042
SUBTOTAL	992	683.6	80,608,311	80,608,311	24.6	3,870,198
<b>SERIES 400</b>						
402 PROD P & V IMP ACCE	46	13.0	1,398,657	1,398,657	0.4	18,172
403 NEW & IMP P&V PRCD	45	76.3	5,984,993	5,984,993	0.0	22,458
404 MKT QUAL PRTS & VEG	88	57.7	5,338,306	5,338,306	1.0	135,215
405 PROD FLD CROP IMF A	138	79.3	7,979,745	7,979,745	2.8	246,856
406 NEW IMP FOOD FLD CR	60	103.7	8,510,991	8,510,991	1.8	234,027
407 NEW IMP NON-FOOD FC	55	95.0	7,792,458	7,792,458	0.2	45,391
408 MKT QUAL FIELD CROP	62	45.5	4,343,271	4,343,271	1.0	18,396
409 PROD ANML PR IMP AC	10	5.8	947,272	947,272	0.0	0
410 IMP MEAT MILK EGG P	29	47.2	4,009,099	4,009,099	0.0	12,732
411 IMP NON-FOOD ANML P	17	33.1	3,019,922	3,019,922	0.1	134,801
412 MKT QUAL ANIMAL PRO	17	11.3	976,279	976,279	0.0	0
SUBTOTAL	567	567.7	50,300,994	50,300,994	7.2	868,048
<b>SERIES 500</b>						
501 IMP GRADES & STANDS	26	24.3	2,722,795	2,722,795	0.0	123,854
503 MKTG EFF AGRI PRODS	67	34.5	2,097,385	2,097,385	0.4	19,191
506 SPLY DEMAND AND FRI	2	0.1	13,705	13,705	0.1	8,439
508 DOMESTIC MKT DEVELP	1	0.0	2,813	2,813	0.0	2,813
509 PERFORMANCE MKTG SY	9	1.8	55,111	55,111	0.0	0
SUBTOTAL	105	60.7	4,891,808	4,891,808	0.5	154,297
<b>SERIES 600</b>						
602 EVAL FGN FOOD AID P	1	0.1	42,574	42,574	0.1	42,574
603 TECH AID DEV CRTY	13	6.7	866,949	866,949	1.4	324,126
604 PRD DVLPMT/MKTG FRG	26	28.2	2,551,393	2,551,393	0.0	0
SUBTOTAL	40	34.9	3,460,916	3,460,916	1.4	366,699
<b>SERIES 700</b>						
701 TOX RES IN FOOD	27	42.7	5,045,496	5,045,496	0.0	10,106
702 FOOD PROT FROM TCX	73	82.9	7,579,946	7,579,946	0.4	138,142
703 FOOD CONSUMP HABITS	12	20.9	6,745,461	6,745,461	1.0	283,979
704 HOME COMM FOOD SERV	2	1.1	67,422	67,422	0.0	0
705 SEL CARE CLOTH & TE	5	3.2	247,020	247,020	1.0	46,392
706 CONTR INSECTS AFF M	27	31.4	2,713,812	2,713,812	1.8	136,094
707 TRANS ANIML MAN DI	1	0.3	19,990	19,990	0.0	0
708 HUMAN NUTRITION	101	93.0	14,785,075	14,785,075	8.1	1,031,312
709 REDUCE HAZ HLTH & S	56	65.9	5,563,751	5,563,751	11.6	756,367
SUBTOTAL	304	341.2	42,767,971	42,767,971	23.9	2,402,393
<b>SERIES 800</b>						
801 RURAL HOUSING	2	4.0	551,790	551,790	0.0	0
802 INDIV & FAM DEC MAK	4	3.3	246,132	246,132	0.0	0
SUBTOTAL	6	7.3	797,922	797,922	0.0	0
<b>SERIES 900</b>						
901 ALLEV POLLUTION	107	105.7	9,953,576	9,953,576	1.7	218,266
904 WLDLFE AND FISH ECO	11	2.6	347,469	347,469	1.3	178,590
905 TREES BEAUTIFICATIO	17	12.1	2,512,303	2,512,303	0.0	4,029
906 ORNAMENT & TURF DEV	51	31.4	4,032,022	4,032,022	0.0	76,397
990 UNCLASSIFIED	4	8.6	941,821	941,821	0.0	103,053
SUBTOTAL	190	160.5	17,787,190	17,787,190	3.0	580,334
<b>SCIENCE IN SERV OF MAN</b>						
GRAND TOTAL	3858	2952.6	338,032,495	338,032,495	101.5	16,389,642

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - COOPERATIVE RESEARCH

CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADJUSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	10	0.0	404,315	404,315	0.0	404,315
0200 WATER	4	0.0	44,183	44,183	0.0	44,183
0300 WATERSHEDS RIVER BAS	4	0.0	214,337	214,337	0.0	214,337
0400 AIR AND CLIMATE	1	0.0	1,600	1,600	0.0	1,600
0600 TIMBER FORST PRODUCT	22	0.0	1,134,076	1,134,076	0.0	1,134,076
0800 WILDLIFE AND FISH	5	0.0	345,806	345,806	0.0	345,806
0900 CITRUS SUB TROP FRUT	1	0.0	1,727	1,727	0.0	1,727
1000 FRUIT NUTS DECIDUOUS	6	0.0	214,038	214,038	0.0	214,038
1100 POTATOES	4	0.0	186,674	186,674	0.0	186,674
1200 VEGETABLES	13	0.0	368,038	368,038	0.0	368,038
1300 ORNAMENTALS TURF	1	0.0	643	643	0.0	643
1400 CORN	5	0.0	208,421	208,421	0.0	208,421
1600 RICE	1	0.0	2,874	2,874	0.0	2,874
1700 WHEAT	9	0.0	435,668	435,668	0.0	435,668
1800 OTHER SMALL GRAINS	4	0.0	40,539	40,539	0.0	40,539
1900 PASTURE	2	0.0	859	859	0.0	859
2000 FORAGE CROPS	3	0.0	85,958	85,958	0.0	85,958
2100 COTTON	4	0.0	97,929	97,929	0.0	97,929
2300 SOYBEANS	11	0.0	714,479	714,479	0.0	714,479
2400 PEANUTS	1	0.0	8,100	8,100	0.0	8,100
2600 TOBACCO	1	0.0	24,000	24,000	0.0	24,000
2700 SUGAR CROPS	4	0.0	16,900	16,900	0.0	16,900
2900 POULTRY	17	0.0	1,064,828	1,064,828	0.0	1,064,828
3000 BEEF CATTLE	39	0.0	2,677,407	2,677,407	0.0	2,677,407
3100 DAIRY CATTLE	31	0.0	2,489,248	2,489,248	0.0	2,489,248
3200 SWINE	19	0.0	1,876,919	1,876,919	0.0	1,876,919
3300 SHEEP AND WOOL	9	0.0	339,061	339,061	0.0	339,061
3400 OTHER ANIMALS	8	0.0	527,226	527,226	0.0	527,226
3600 FARM SUPP & FACILITS	2	0.0	16,627	16,627	0.0	16,627
3800 FOOD	6	0.0	525,322	525,322	0.0	525,322
3900 HOUSING & EQUIP	2	0.0	64,022	64,022	0.0	64,022
4000 PEOPLE AS INDIVIDUAL	3	0.0	46,360	46,360	0.0	46,360
4100 FAMILY MEMBERS	1	0.0	14,550	14,550	0.0	14,550
4300 SOC POLIT ORGANIZ	3	0.0	163,688	163,688	0.0	163,688
4400 AGRIC ECONOMY U S	1	0.0	58,200	58,200	0.0	58,200
4700 OTH MARKET PROCESS	1	0.0	27,257	27,257	0.0	27,257
4800 MARKETING SYSTEMS	1	0.0	14,550	14,550	0.0	14,550
6100 WEEDS	2	0.0	4,594	4,594	0.0	4,594
6500 INVERTEBRATES	2	0.0	5,852	5,852	0.0	5,852
6600 MICROORGANISMS, VIRUS	5	0.0	254,516	254,516	0.0	254,516
6700 PLANTS	49	0.0	1,677,293	1,677,293	0.0	1,677,293
6800 ANIMALS (VERTEBRATES)	23	0.0	151,761	151,761	0.0	151,761
7000 RSCH EQUIP & TECHNOL	2	0.0	15,100	15,100	0.0	15,100
TOTAL	342	0.0	16,565,542	16,565,542	0.0	16,565,542

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- COOPERATIVE RESEARCH

CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	1	0.0	40,000	40,000	0.0	40,000
102 SOIL PLNT WTR NUTRI	3	0.0	128,410	128,410	0.0	128,410
104 ALTERN USE OF LAND	1	0.0	72,750	72,750	0.0	72,750
105 CONSERV USE OF WATE	2	0.0	22,160	22,160	0.0	22,160
107 WATERSHED PROT & MG	3	0.0	220,050	220,050	0.0	220,050
109 WEATHER ADAPT & MOD	1	0.0	10,680	10,680	0.0	10,680
110 APPRAIS FORST & RAN	2	0.0	73,159	73,159	0.0	73,159
111 BIOL CULT MGMT FORS	1	0.0	15,936	15,936	0.0	15,936
SUBTOTAL	14	0.0	583,145	583,145	0.0	583,145
SERIES 200						
201 CNTRL FORST INSECTS	18	0.0	906,428	906,428	0.0	906,428
202 CONTROL FOREST DIS	1	0.0	1,536	1,536	0.0	1,536
204 CNTR PESTS FRT & VE	10	0.0	281,832	281,832	0.0	281,832
205 CNTR DISE FRT & VEG	9	0.0	247,321	247,321	0.0	247,321
206 CNTR WEEDS FRT & VE	2	0.0	2,956	2,956	0.0	2,956
207 CNTR PESTS FLD CROP	8	0.0	97,709	97,709	0.0	97,709
208 CNTR DIS FIELD CROP	15	0.0	472,504	472,504	0.0	472,504
209 CNTR WEEDS FLD CROP	9	0.0	62,705	62,705	0.0	62,705
210 CNTR PESTS ANIMALS	6	0.0	499,677	499,677	0.0	499,677
211 CNTR DIS ANIMALS	60	0.0	5,662,084	5,662,084	0.0	5,662,084
212 CNTR INTER PARASITE	10	0.0	1,046,699	1,046,699	0.0	1,046,699
213 PROT ANMLS FROM TOX	7	0.0	744,592	744,592	0.0	744,592
214 PROTECT FROM POLLUT	7	0.0	62,132	62,132	0.0	62,132
SUBTOTAL	162	0.0	10,088,173	10,088,173	0.0	10,088,173
SERIES 300						
303 ECON TIMBER PRODUCT	1	0.0	74,317	74,317	0.0	74,317
304 IMP BIO EFF FRT & V	4	0.0	71,470	71,470	0.0	71,470
306 PROD MGMT SYS F & V	1	0.0	17,241	17,241	0.0	17,241
307 IMP BIO EFF FLD CRP	11	0.0	514,375	514,375	0.0	514,375
308 MECH PROD FIELD CRO	1	0.0	29,100	29,100	0.0	29,100
309 PROD MGMT SYS FLD C	1	0.0	40,229	40,229	0.0	40,229
310 ANIMAL REPRODUCTION	2	0.0	110,474	110,474	0.0	110,474
311 IMP BIO EFF ANML PR	8	0.0	739,641	739,641	0.0	739,641
312 ENV STRESS IN ANEL	2	0.0	121,450	121,450	0.0	121,450
318 NON-COM BIO TECH/BI	5	0.0	183,693	183,693	0.0	183,693
SUBTOTAL	36	0.0	1,901,989	1,901,989	0.0	1,901,989
SERIES 400						
403 NEW & IMP F&V PRCD	1	0.0	49,053	49,053	0.0	49,053
407 NEW IMP NON-FOOD FC	2	0.0	121,399	121,399	0.0	121,399
410 IMP MEAT MILK EGG P	1	0.0	27,384	27,384	0.0	27,384
412 MKT QUAL ANIMAL PRO	1	0.0	36,512	36,512	0.0	36,512
SUBTOTAL	5	0.0	234,347	234,347	0.0	234,347
SERIES 500						
501 IMP GRADES & STANDS	1	0.0	9,128	9,128	0.0	9,128
502 MKTG TIMBER PRODUCT	1	0.0	62,278	62,278	0.0	62,278
503 MKTG EFF AGRI PRCDs	5	0.0	295,485	295,485	0.0	295,485
507 COMP REL IN AGRIC	1	0.0	29,100	29,100	0.0	29,100
509 PERFORMANCE MKTG SY	3	0.0	97,864	97,864	0.0	97,864
510 GROUP ACT MKT POWER	1	0.0	14,550	14,550	0.0	14,550
SUBTOTAL	12	0.0	508,405	508,405	0.0	508,405
SERIES 600						
603 TECH AID DEV CRTY	1	0.0	54,000	54,000	0.0	54,000
SUBTOTAL	1	0.0	54,000	54,000	0.0	54,000
SERIES 700						
701 TOX RES IN FOOD	44	0.0	1,830,614	1,830,614	0.0	1,830,614
702 FOOD PROT FROM TOX	2	0.0	115,293	115,293	0.0	115,293
SUBTOTAL	46	0.0	1,945,908	1,945,908	0.0	1,945,908
SERIES 800						
802 INDIV & FAM DEC MAK	1	0.0	14,550	14,550	0.0	14,550
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
806 ADJUSTMENT TO CHANG	1	0.0	10,913	10,913	0.0	10,913
807 AGRIC ECONOMIC CHAN	1	0.0	58,200	58,200	0.0	58,200
SUBTOTAL	4	0.0	94,575	94,575	0.0	94,575
SERIES 900						
901 ALLEV POLLUTION	13	0.0	627,100	627,100	0.0	627,100
904 WDLFE AND FISH ECO	4	0.0	345,383	345,383	0.0	345,383
906 ORNAMENT & TURF DEV	1	0.0	643	643	0.0	643
907 RURAL INCOME IMP	3	0.0	76,388	76,388	0.0	76,388
908 RURAL INSTITUT IMP	3	0.0	105,488	105,488	0.0	105,488
SUBTOTAL	24	0.0	1,155,001	1,155,001	0.0	1,155,001
SCIENCE IN SERV OF MAN GRAND TOTAL	304	0.0	16,565,542	16,565,542	0.0	16,565,542

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0600 TIMBER FORST PRODUCT	1	0.0	98,000	98,000	0.0	0
0900 CITRUS SUB TROP FRUT	1	0.0	30,000	30,000	0.0	0
1100 POTATOES	2	0.0	145,000	145,000	0.0	0
1200 VEGETABLES	12	0.0	820,000	820,000	0.0	0
1400 CORN	9	0.0	630,500	630,500	0.0	0
1700 WHEAT	3	0.0	130,000	130,000	0.0	0
1800 OTHER SMALL GRAINS	6	0.0	345,000	345,000	0.0	0
1900 PASTURE	1	0.0	70,000	70,000	0.0	0
2000 FORAGE CROPS	9	0.0	593,500	593,500	0.0	0
2100 COTTON	1	0.0	35,000	35,000	0.0	0
2300 SOYBEANS	12	0.0	632,000	632,000	0.0	0
2400 PEANUTS	1	0.0	50,000	50,000	0.0	0
2700 SUGAR CROPS	1	0.0	30,000	30,000	0.0	0
2800 MISC NEW CROPS	2	0.0	121,000	121,000	0.0	0
3400 OTHER ANIMALS	2	0.0	132,823	132,823	0.0	0
3600 FARM SUPP & FACILITS	1	0.0	25,000	25,000	0.0	0
3800 FOOD	42	0.0	4,768,924	4,768,924	0.0	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	18,253	18,253	0.0	0
6100 WEEDS	3	0.0	130,000	130,000	0.0	0
6300 BIO CELL SYSTEMS	20	0.0	954,000	954,000	0.0	0
6500 INVERTEBRATES	8	0.0	365,500	365,500	0.0	0
6600 MICROORGANISMS, VIRUS	20	0.0	1,435,000	1,435,000	0.0	0
6700 PLANTS	49	0.0	2,907,396	2,907,396	0.0	0
TOTAL	207	0.0	14,466,896	14,466,896	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
111 BIOL CULT MGMT PCRS	1	0.0	98,000	98,000	0.0	0
SUBTOTAL	1	0.0	98,000	98,000	0.0	0
SERIES 200						
205 CNTR DISE FRT & VEG	3	0.0	158,500	158,500	0.0	0
206 CNTR WEEDS FRT & VE	2	0.0	175,000	175,000	0.0	0
207 CNTR PESTS FLD CROP	6	0.0	367,000	367,000	0.0	0
208 CNTR DIS FIELD CROP	22	0.0	1,231,500	1,231,500	0.0	0
209 CNTR WEEDS FLD CROP	1	0.0	27,000	27,000	0.0	0
211 CNTR DIS ANIMALS	4	0.0	201,000	201,000	0.0	0
SUBTOTAL	38	0.0	2,160,000	2,160,000	0.0	0
SERIES 300						
304 IMP BIO EFF FRT & V	19	0.0	1,319,000	1,319,000	0.0	0
307 IMP BIO EFF FLD CRP	34	0.0	2,113,000	2,113,000	0.0	0
315 IMP STRUC FARM SUPP	1	0.0	25,000	25,000	0.0	0
318 NON-COM BIO TECH/BI	53	0.0	3,546,896	3,546,896	0.0	0
SUBTOTAL	107	0.0	7,003,896	7,003,896	0.0	0
SERIES 400						
405 PROD FLD CROP IMF A	1	0.0	50,000	50,000	0.0	0
408 MKT QUAL FIELD CROP	1	0.0	17,500	17,500	0.0	0
SUBTOTAL	2	0.0	67,500	67,500	0.0	0
SERIES 700						
701 TOX RES IN FOOD	3	0.0	117,500	117,500	0.0	0
702 FOOD PROCT FROM TCX	1	0.0	70,000	70,000	0.0	0
703 FOOD CONSUMP HABITS	10	0.0	830,000	830,000	0.0	0
706 CONTR INSECTS AFF M	2	0.0	100,000	100,000	0.0	0
708 HUMAN NUTRITION	33	0.0	4,020,000	4,020,000	0.0	0
SUBTOTAL	49	0.0	5,137,500	5,137,500	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	197	0.0	14,466,896	14,466,896	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	37	23.1	1,071,830	1,334,730	0.5	15,200
0200 WATER	41	21.4	734,930	1,188,330	0.6	21,800
0300 WATERSHEDS RIVER EAS	27	8.2	297,690	409,890	0.2	7,600
0400 AIR AND CLIMATE	24	6.9	309,750	357,650	0.2	7,600
0900 CITRUS SUB TROP FRUIT	11	5.2	308,788	308,788	0.0	700
1000 FRUIT NUTS DECIDUOUS	11	5.5	320,407	320,407	0.0	700
1100 POTATOES	8	2.1	118,731	118,731	0.0	525
1200 VEGETABLES	11	8.2	463,941	463,941	0.0	1,400
1300 ORNAMENTALS TURF	2	0.1	4,317	4,317	0.0	175
1400 CORN	29	7.4	482,385	483,885	0.0	4,600
1500 GRAIN SORGHUM	23	3.1	182,116	183,016	0.0	0
1600 RICE	23	3.1	182,116	183,016	0.0	0
1700 WHEAT	26	6.9	448,734	450,234	0.0	2,100
1800 OTHER SMALL GRAINS	23	2.1	126,190	126,790	0.0	0
2000 FORAGE CROPS	22	2.0	116,632	117,232	0.0	0
2100 COTTON	10	8.0	632,876	650,876	0.0	0
2200 COTTONSEED	1	1.3	133,121	133,121	0.0	0
2300 SOYBEANS	12	6.5	463,042	481,042	0.0	2,100
2400 PEANUTS	4	1.0	67,460	71,460	0.0	0
2500 OTHER OILSEED CROPS	1	0.2	19,017	19,017	0.0	0
2900 POULTRY	19	9.0	615,262	615,262	0.0	34,050
3000 BEEF CATTLE	19	11.8	760,120	773,991	0.0	26,550
3100 DAIRY CATTLE	15	14.6	956,065	956,065	0.0	7,050
3200 SWINE	17	8.3	532,406	542,062	0.0	24,050
3300 SHEEP AND WOOL	6	1.3	87,750	88,023	0.0	7,500
3600 FARM SUPP & FACILITS	12	37.5	3,431,536	3,473,179	0.0	12,000
3800 FOOD	15	52.1	2,760,308	3,085,875	0.0	17,000
3900 HOUSING & EQUIP	1	1.2	113,900	113,900	0.0	0
4000 PEOPLE AS INDIVIDUAL	7	16.6	1,549,000	1,549,000	0.0	0
4100 FAMILY MEMBERS	5	8.3	889,000	911,484	0.0	0
4200 FARM AS BUSINESS	9	17.3	2,529,174	2,653,174	0.0	9,000
4300 SOC POLIT ORGANIZ	27	22.3	1,857,200	2,178,110	0.2	9,900
4400 AGRIC ECONOMY U S	25	32.7	3,644,472	3,731,472	0.2	9,900
4500 AGRIC ECONOMY FORGN	24	71.4	5,130,000	5,213,000	0.0	0
4600 FARM COOPERATIVES	25	5.0	455,900	455,900	0.0	73,100
4800 MARKETING SYSTEMS	7	28.2	2,239,639	2,273,110	0.0	0
6400 EXP DESIGN/STAT METH	1	5.0	250,000	250,000	0.0	0
6700 PLANTS	16	8.3	499,140	517,583	0.2	11,000
6800 ANIMALS (VERTEBRATES)	15	5.5	341,761	352,883	0.2	11,000
TOTAL	611	478.5	35,126,705	37,140,545	2.4	316,600

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
104 ALTERN USE OF LAND	18	25.5	1,193,890	1,454,040	0.0	0
105 CONSERV USE OF WATE	7	5.5	131,350	383,650	0.0	0
106 DRAIN AND IRRIGATIO	1	0.8	12,350	44,650	0.0	0
108 ECON LEG PROB OF WA	8	6.7	328,000	369,250	0.0	0
109 WEATHER ADAPT & MOD	6	4.3	64,410	183,410	0.0	0
SUBTOTAL	40	42.7	1,730,000	2,435,000	0.0	0
SERIES 300						
309 PROD MGMT SYS FLD C	3	3.2	163,015	163,015	0.0	0
312 ENV STRESS IN ANML	1	1.2	100,263	100,263	0.0	0
313 PROD MGMT SYS ANML	1	1.2	57,168	57,168	0.0	0
SUBTOTAL	5	5.6	320,446	320,446	0.0	0
SERIES 500						
501 IMP GRADES & STANDS	3	1.6	89,863	94,863	0.0	0
503 MKTG EFF AGRIC PRODS	15	9.7	981,652	1,001,652	0.0	60,000
506 SPLY DEMAND AND PRI	37	88.4	5,958,447	6,007,447	0.0	81,325
507 COMP REL IN AGRIC	8	16.1	922,620	960,228	0.0	0
508 DOMESTIC MKT DEVELP	5	8.2	462,172	507,724	0.0	0
509 PERFORMANCE MKTG SY	31	61.3	3,816,533	3,856,734	0.0	17,000
510 GROUP ACT MKT POWER	25	5.0	455,900	455,900	0.0	73,100
511 IMP AGRIC STATISTIC	1	5.0	250,000	250,000	0.0	0
SUBTOTAL	125	195.3	12,937,187	13,134,548	0.0	231,425
SERIES 600						
601 FGN MKT DEVELP	24	71.4	5,130,000	5,213,000	0.0	0
SUBTOTAL	24	71.4	5,130,000	5,213,000	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	2	10.7	517,158	791,173	0.0	0
SUBTOTAL	2	10.7	517,158	791,173	0.0	0
SERIES 800						
801 RURAL HOUSING	2	4.4	433,200	441,500	0.0	0
804 ECON POTENT RURL PE	5	7.6	752,900	767,084	0.0	0
806 ADJUSTMENT TO CHANG	6	14.1	1,365,800	1,365,800	0.0	0
807 AGRIC ECONOMIC CHAN	28	41.9	5,474,426	5,716,496	0.4	28,800
808 GOV'T PROGRAMS	19	22.9	1,562,271	1,582,271	0.0	0
SUBTOTAL	60	90.9	9,588,597	9,873,151	0.4	28,800
SERIES 900						
901 ALLEV POLLUTION	25	40.9	3,074,200	3,253,200	2.0	56,200
905 TREES BEAUTIFICATIO	1	0.0	175	175	0.0	175
906 ORNAMENT & TURF DEV	1	0.1	4,142	4,142	0.0	0
907 RURAL INCOME IMP	4	8.1	934,700	1,027,610	0.0	0
908 RURAL INSTITUT IMP	15	12.9	890,100	1,088,100	0.0	0
SUBTOTAL	46	62.0	4,903,317	5,373,227	2.0	56,375
SCIENCE IN SERV OF MAN						
GRAND TOTAL	302	478.5	35,126,705	37,140,545	2.4	316,600

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - U S FOREST SERVICE

FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADHSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	5	11.4	1,661,900	1,787,030	0.0	0
0200 WATER	4	10.3	1,127,950	1,279,730	0.0	0
0300 WATERSHEDS RIVER BAS	31	84.8	8,758,740	9,381,135	0.0	0
0400 AIR AND CLIMATE	2	4.2	398,750	417,400	0.0	0
0500 RECREATION RESOURCES	18	35.7	5,723,100	5,985,350	0.0	0
0600 TIMBER FORST PRODUCT	189	688.3	73,996,090	75,791,462	0.0	0
0700 RANGE	21	30.7	4,191,000	4,298,030	0.0	0
0800 WILDLIFE AND FISH	30	66.6	6,968,770	7,216,603	0.0	0
3900 HOUSING & EQUIP	4	12.0	1,482,700	1,513,760	0.0	0
TOTAL	304	944.0	104,309,000	107,670,500	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- U S FOREST SERVICE

FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADHSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
102 SOIL PLMT WTR NUTRI	1	1.8	171,200	176,160	0.0	0
105 CONSERV USE OF WATE	1	1.4	154,000	180,500	0.0	0
107 WATERSHED PROT & MG	32	89.9	9,398,140	10,124,935	0.0	0
108 ECON LEG PROB OF WA	1	3.6	370,000	370,000	0.0	0
110 APPRAIS FORST & HAN	13	58.2	10,397,900	10,694,630	0.0	0
111 BIOL CULT MGMT FORS	60	194.4	17,066,560	17,682,922	0.0	0
112 IMPROV RANGE RESOR	6	12.0	1,451,700	1,461,710	0.0	0
SUBTOTAL	114	361.2	39,009,500	40,690,857	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	32	96.4	9,759,130	9,824,270	0.0	0
202 CONTROL FOREST DIS	25	57.2	8,367,850	8,458,850	0.0	0
203 FOREST FIRE PROTECT	16	64.4	7,631,650	7,848,900	0.0	0
207 CNTR PESTS PLD CROP	1	0.5	67,000	67,000	0.0	0
214 PROTECT FROM POLLUT	3	10.6	2,088,500	2,223,750	0.0	0
SUBTOTAL	77	229.1	27,914,130	28,422,770	0.0	0
SERIES 300						
301 GENET BREED FORST T	13	36.5	3,694,700	3,834,900	0.0	0
302 IMP FOREST ENG SYS	4	13.9	1,728,250	1,735,050	0.0	0
303 ECON TIMBER PRODUCT	4	7.1	555,500	555,500	0.0	0
SUBTOTAL	21	57.4	5,978,450	6,125,450	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	24	113.1	12,489,800	12,904,800	0.0	0
SUBTOTAL	24	113.1	12,489,800	12,904,800	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCT	10	30.4	2,851,600	2,851,600	0.0	0
512 IMP GRADES PRST PRO	2	9.0	667,000	673,400	0.0	0
513 PRICE ANAL PRST PRO	2	5.5	410,400	410,400	0.0	0
SUBTOTAL	14	44.9	3,929,000	3,935,400	0.0	0
SERIES 800						
801 RURAL HOUSING	2	6.3	514,000	520,900	0.0	0
SUBTOTAL	2	6.3	514,000	520,900	0.0	0
SERIES 900						
901 ALLEV POLLUTION	7	14.3	1,589,750	1,712,800	0.0	0
902 OUTDOOR RECREATION	13	22.9	3,108,100	3,235,100	0.0	0
903 MULTI-USE-FOREST PO	13	27.4	3,072,150	3,188,450	0.0	0
904 WLDLFE AND FISH ECO	27	63.7	6,408,120	6,637,473	0.0	0
905 TREES BEAUTIFICATIO	2	3.5	296,000	296,500	0.0	0
SUBTOTAL	62	131.9	14,474,120	15,070,323	0.0	0
SCIENCE IN SERV OF MAN GRAND TOTAL	314	944.0	104,309,000	107,670,500	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1177	377.8	6,023,883	38,679,348	*	2,129,946
0200 WATER	724	191.5	2,751,262	19,527,875	*	1,029,511
0300 WATERSHEDS RIVER BAS	136	36.2	741,101	4,403,709	*	675,002
0400 AIR AND CLIMATE	136	37.5	618,395	4,490,368	*	173,187
0500 RECREATION RESOURCES	175	51.6	992,591	3,985,247	*	345,374
0600 TIMBER FORST PRODUCT	1294	480.6	9,221,279	44,692,316	*	3,516,377
0700 RANGE	294	77.4	879,396	7,734,652	*	567,909
0800 WILDLIFE AND FISH	645	185.7	2,322,714	20,557,550	*	1,131,421
0900 CITRUS SUB TROP FRUIT	294	138.4	1,209,235	12,696,287	*	267,821
1000 FRUIT NUTS DECIDUCUS	1010	334.7	5,356,119	34,048,879	*	604,674
1100 POTATOES	306	83.5	1,530,167	8,765,333	*	225,170
1200 VEGETABLES	1340	446.2	8,112,757	42,452,897	*	2,213,186
1300 ORNAMENTALS TURF	606	213.3	2,782,977	19,399,280	*	355,921
1400 CORN	853	189.6	3,856,697	20,673,295	*	937,976
1500 GRAIN SORGHUM	301	51.9	761,317	4,974,656	*	155,893
1600 RICE	116	38.1	342,424	3,965,902	*	69,573
1700 WHEAT	637	146.0	2,214,344	14,129,669	*	832,052
1800 OTHER SMALL GRAINS	425	84.1	1,791,755	9,080,967	*	694,566
1900 PASTURE	169	32.9	690,935	4,038,431	*	84,843
2000 FORAGE CROPS	895	255.7	5,271,297	25,941,752	*	1,305,206
2100 COTTON	357	131.4	2,050,405	12,946,704	*	733,649
2200 COTTONSEED	20	3.0	46,964	355,495	*	3,490
2300 SOYBEANS	868	228.7	5,672,727	25,367,292	*	2,601,346
2400 PEANUTS	157	45.3	563,815	4,772,854	*	413,365
2500 OTHER OILSEED CROPS	100	22.4	269,949	2,568,739	*	67,245
2600 TOBACCO	165	63.5	898,790	7,060,123	*	218,238
2700 SUGAR CROPS	170	51.5	803,111	5,038,281	*	44,533
2800 MISC NEW CROPS	123	27.2	533,888	3,179,959	*	79,751
2900 POULTRY	770	253.2	6,893,568	29,548,890	*	895,162
3000 BEEP CATTLE	1342	407.5	12,056,012	66,594,308	*	2,650,044
3100 DAIRY CATTLE	1124	314.1	8,751,008	45,428,345	*	1,260,889
3200 SWINE	615	165.1	5,910,587	26,519,493	*	1,140,880
3300 SHEEP AND WOOL	350	78.7	2,030,667	9,553,266	*	202,482
3400 OTHER ANIMALS	425	95.3	2,769,922	11,729,054	*	427,248
3500 BEES AND HONEY	45	17.1	233,906	1,463,964	*	59,643
3600 FARM SUPP & FACILITS	100	26.3	354,467	2,875,003	*	363,872
3700 CLOTHING & TEXTILES	71	17.4	358,607	1,290,140	*	100,268
3800 FOOD	538	165.1	3,568,350	17,265,861	*	1,349,691
3900 HOUSING & EQUIP	215	61.0	751,844	6,010,825	*	930,809
4000 PEOPLE AS INDIVIDUAL	731	208.9	3,738,460	17,836,195	*	2,609,161
4100 FAMILY MEMBERS	246	67.7	1,774,470	6,460,114	*	1,041,485
4200 FARM AS BUSINESS	212	68.6	1,391,273	4,736,522	*	364,614
4300 SOC POLIT ORGANIZ	438	128.4	3,496,551	10,278,449	*	849,604
4400 AGRIC ECONOMY U S	111	29.4	585,327	2,923,331	*	315,445
4500 AGRIC ECONOMY FORGN	33	13.9	110,000	830,478	*	220,738
4600 FARM COOPERATIVES	41	6.7	145,787	623,849	*	169,840
4700 OTH MARKET PROCESS	43	6.5	145,331	510,317	*	57,563
4800 MARKETING SYSTEMS	101	27.9	638,580	2,305,681	*	395,620
6100 WEEDS	59	11.0	209,285	1,162,969	*	116,414
6200 SEED RESEARCH	36	10.1	107,442	995,619	*	38
6300 BIO CELL SYSTEMS	225	85.9	809,024	9,140,070	*	112,541
6400 EXP DESIGN/STAT METH	78	26.0	135,744	2,787,750	*	700,526
6500 INVERTEBRATES	272	104.9	1,176,062	9,725,609	*	229,745
6600 MICROORGANISMS,VIRUS	255	86.7	926,065	9,463,295	*	202,356
6700 PLANTS	705	221.6	2,898,895	24,242,892	*	2,772,651
6800 ANIMALS (VERTEBRATES)	385	119.2	1,277,271	14,315,125	*	640,583
6900 RESEARCH ON RSCH MGM	33	13.8	112,462	1,083,390	*	42,125
7000 RSCH EQUIP & TECHNOL	118	27.8	286,715	2,895,765	*	129,925
9900 UNCLASSIFIED	68	124.0	2,264,027	20,488,848	*	1,399,826
TOTAL	23278	7015.8	134,218,005	766,613,280	*	43,229,012

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	209	77.1	1,000,838	7,816,794	*	178,947
102 SOIL PLNT WTR NUTRI	580	182.2	3,079,340	18,331,989	*	746,362
103 MGMT OF SALINE SCIL	60	15.2	94,890	1,486,808	*	54,005
104 ALTERN USE OF LAND	182	52.0	1,045,119	4,927,594	*	510,041
105 CONSERV USE OF WATE	263	67.3	788,134	6,509,155	*	414,136
106 DRAIN AND IRRIGATIO	122	30.6	319,289	3,107,133	*	100,021
107 WATERSHED PROT & MG	158	48.9	771,276	5,870,408	*	679,799
108 ECON LEG PROB OF WA	44	14.1	155,951	1,126,487	*	57,041
109 WEATHER ADAPT & MOD	123	33.4	571,727	3,701,652	*	143,507
110 APPRAIS FORST & RAN	132	26.4	468,525	2,595,035	*	179,804
111 BIOL CULT MGMT PCRS	406	126.9	2,721,367	12,092,866	*	715,208
112 IMPROV RANGE RESCR	190	48.9	524,439	5,100,515	*	302,400
113 REMOTE SENSING	50	11.6	290,838	1,627,937	*	281,365
114 RSCH ON MGMT OF RSC	31	13.6	112,462	1,028,618	*	42,125
SUBTOTAL	2550	747.9	11,944,196	75,322,992	*	4,404,760
SERIES 200						
201 CNTRL FORST INSECTS	188	53.7	980,686	5,327,332	*	738,961
202 CONTROL FOREST DIS	143	39.6	1,026,110	3,459,949	*	221,134
203 FOREST FIRE PROTECT	14	1.7	12,372	218,560	*	91,901
204 CNTR PESTS FRT & VE	402	135.2	1,729,925	13,348,693	*	773,570
205 CNTR DISE FRT & VEG	694	212.5	3,132,179	20,228,345	*	693,593
206 CNTR WEEDS FRT & VE	177	45.3	747,151	4,472,960	*	182,272
207 CNTR PESTS FLD CROP	527	169.9	3,412,168	17,665,637	*	1,170,995
208 CNTR DIS FIELD CROP	705	213.3	3,781,311	19,961,623	*	959,972
209 CNTR WEEDS FLD CROP	310	93.3	1,696,456	10,205,537	*	347,912
210 CNTR PESTS ANIMALS	121	32.9	689,094	2,928,548	*	237,350
211 CNTR DIS ANIMALS	715	256.8	7,094,493	31,402,347	*	1,646,444
212 CNTR INTER PARASITE	110	33.4	834,166	3,667,639	*	61,935
213 PROT ANMLS FROM TOX	122	23.8	608,436	3,364,324	*	82,732
214 PPOTECT FROM POLLUT	243	52.7	794,688	6,859,313	*	1,009,015
SUBTOTAL	4471	1363.9	26,539,235	143,110,808	*	8,217,787
SERIES 300						
301 GENET BREED FOREST T	121	40.3	1,106,064	4,233,799	*	200,209
302 IMP FOREST ENG SYS	32	14.0	228,845	1,205,712	*	81,184
303 ECON TIMBER PRODUCT	52	16.4	273,379	1,827,695	*	221,438
304 IMP BIO EFF FRT & V	1033	354.2	5,726,398	36,510,975	*	1,211,478
305 MECH PROD FRT & VEG	142	38.0	722,806	3,873,449	*	136,074
306 PROD MGMT SYS F & V	92	21.5	287,431	1,890,500	*	39,531
307 IMP BIO EFF FLD CRO	1581	635.3	10,854,369	69,995,000	*	3,614,507
308 MECH PROD FIELD CRO	105	29.7	551,061	3,418,999	*	117,713
309 PROD MGMT SYS FLD C	244	65.2	1,132,100	6,777,067	*	178,256
310 ANIMAL REPRODUCTION	491	175.8	5,238,553	26,150,692	*	645,297
311 IMP BIO EFF ANML PR	1271	452.0	13,336,672	82,150,624	*	2,111,097
312 ENV STRESS IN ANML	178	51.7	1,182,166	6,629,576	*	197,261
313 PROD MGMT SYS ANML	282	68.0	1,863,689	10,560,018	*	309,267
314 BEES OTH POLLNTNG I	45	17.1	233,906	1,463,964	*	59,643
315 IMP STRUC FARM SUPP	118	38.9	504,486	4,379,406	*	794,879
316 FARM BUSINESS MGMT	162	53.3	1,171,883	3,778,825	*	269,897
317 MECH/STRUCTS ANML P	65	14.9	339,056	1,787,536	*	116,293
318 NON-COM BIO TECH/BI	1072	439.3	4,149,971	43,697,336	*	960,702
SUBTOTAL	7086	2525.6	48,902,833	310,331,172	*	11,264,727
SERIES 400						
401 NEW IMP FOREST PROD	164	97.0	1,218,081	7,871,355	*	321,267
402 PROD F & V IMP ACCE	269	58.3	801,531	5,905,934	*	152,749
403 NEW & IMP FEV PRCD	193	64.5	1,048,316	5,645,652	*	77,317
404 MKT QUAL FRTS & VEG	192	55.7	1,249,958	5,582,279	*	131,926
405 PROD FLD CROP IMF A	255	69.1	1,410,863	7,151,276	*	275,263
406 NEW IMP FOOD FLD CR	150	39.2	1,167,380	4,933,036	*	722,404
407 NEW IMP NON-FOOD FC	49	12.9	232,740	1,284,695	*	15,388
408 MKT QUAL FIELD CROP	89	18.4	340,707	1,959,683	*	168,654
409 PROD ANML PR IMP AC	157	42.8	2,267,761	6,375,341	*	451,178
410 IMP MEAT MILK EGG P	270	83.1	1,883,462	8,709,679	*	73,787
411 IMP NON-FOOD ANML P	21	2.5	21,439	364,237	*	0
412 MKT QUAL ANIMAL FRO	122	29.8	712,471	2,946,071	*	142,014
SUBTOTAL	1931	573.4	12,354,708	58,729,239	*	2,531,946
SERIES 500						
501 IMP GRADES & STANDS	64	18.7	361,542	1,831,088	*	85,153
502 MKTG TIMBER PRODUCT	26	6.8	137,023	473,820	*	57,565
503 MKTG EFF AGRI PRCDs	221	56.7	1,359,125	4,492,329	*	675,646
506 SPLY DEMAND AND FRI	159	45.7	1,350,862	4,000,644	*	290,381
507 COMP REL IN AGRIC	63	10.6	276,046	956,482	*	79,529
508 DOMESTIC MKT DEVELP	43	11.1	243,961	788,454	*	7,552
509 PERFORMANCE MKTG SY	150	46.3	1,144,077	3,488,662	*	420,526
510 GROUP ACT MKT POWER	37	7.0	145,298	592,975	*	158,440
511 IMP AGRIC STATISTIC	36	9.4	62,997	1,257,835	*	565,999
512 IMP GRADES FRST PRO	16	4.2	50,705	365,562	*	74,157
513 PRICE ANAL FRST PRO	26	6.8	117,977	493,485	*	75,500
SUBTOTAL	841	223.3	5,249,612	18,741,336	*	2,490,449
SERIES 600						
601 FGN MKT DEVELP	51	15.0	365,889	1,261,022	*	86,461
602 EVAL FGN FOOD AID P	5	0.4	3,896	30,980	*	0
603 TECH AID DEV CRTY	57	24.1	17,933	1,240,843	*	314,905
604 PRD DVLPMT/MKTG FRG	8	0.5	11,723	55,865	*	124
SUBTOTAL	121	40.1	399,440	2,588,710	*	401,489
SERIES 700						
701 TOX RES IN FOOD	194	60.5	1,274,672	7,751,593	*	1,975,550
702 FOOD PROT FROM TOX	211	59.3	1,302,752	6,672,975	*	181,192
703 FOOD CONSUMP HABITS	174	45.4	879,720	3,628,783	*	1,048,698
704 HOME COMM FOOD SERV	46	12.0	243,405	1,017,212	*	22,282
705 SEL CARE CLOTH & TE	63	15.0	288,015	1,139,803	*	100,268
706 CONTR INSECTS AFF M	124	42.0	536,166	3,559,748	*	95,453
707 TRANS ANIML MAN DI	27	8.4	47,560	1,054,657	*	21,810
708 HUMAN NUTRITION	384	125.6	2,622,208	13,593,479	*	2,015,462
709 REDUCE HAZ HLTH & S	63	18.3	304,631	1,625,793	*	318,479
SUBTOTAL	1286	386.7	7,499,130	40,043,443	*	5,779,192

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	53	17.9	244,317	1,248,771	*	175,611
802 INDIV & FAM DEC MAK	190	49.5	1,218,188	4,694,874	*	445,675
803 RURAL POVERTY	53	12.3	1,044,631	1,519,555	*	264,093
804 ECON POTENT RURL PE	108	29.3	787,127	2,228,163	*	306,515
805 COMMUNICAT RURAL PE	135	34.2	571,835	3,021,231	*	258,038
806 ADJUSTMENT TO CHANG	170	50.4	1,000,846	3,381,202	*	537,830
807 AGRIC ECONOMIC CHAN	133	36.4	624,671	2,880,914	*	297,944
808 GOV'T PROGRAMS	36	6.2	107,768	509,024	*	34,818
SUBTOTAL	878	236.0	5,599,383	19,483,734	*	2,320,524
SERIES 900						
901 ALLEV POLLUTION	640	215.1	4,234,994	23,913,525	*	1,615,404
902 OUTDOOR RECREATION	160	48.1	939,148	3,704,974	*	322,823
903 MULTI-USE-FOREST PO	86	18.9	397,422	1,615,316	*	113,386
904 WLDLFE AND FISH ECO	555	161.5	1,957,726	18,009,299	*	1,027,942
905 TREES BEAUTIFICATIO	105	31.7	384,150	2,888,127	*	249,140
906 ORNAMENT & TURF DEV	584	206.0	2,733,810	18,639,912	*	270,264
907 RURAL INCOME IMP	168	39.0	959,334	2,782,641	*	477,120
908 RURAL INSTITUT IMP	263	74.6	1,858,858	6,219,205	*	342,233
990 UNCLASSIFIED	68	124.0	2,264,027	20,488,848	*	1,399,826
SUBTOTAL	2629	919.0	15,729,469	98,261,847	*	5,818,138
SCIENCE IN SERV OF MAN GRAND TOTAL	21793	7015.8	134,218,005	766,613,280	*	43,229,012

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY -				SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	169	52.0	1,256,361	4,736,965	*	192,599
0200 WATER	83	24.5	382,964	2,314,904	*	15,596
0300 WATERSHEDS RIVER BAS	22	4.0	139,872	368,073	*	628
0400 AIR AND CLIMATE	28	6.5	136,981	674,971	*	83,608
0500 RECREATION RESOURCES	40	14.1	372,567	948,944	*	31,173
0600 TIMBER FORST PRODUCT	202	70.0	2,089,873	5,604,001	*	360,384
0700 RANGE	4	0.3	54,406	110,429	*	0
0800 WILDLIFE AND FISH	119	34.2	521,646	3,563,326	*	185,877
0900 CITRUS SUB TROP FRUT	4	0.5	18,721	48,357	*	0
1000 FRUIT NUTS DECIDUOUS	242	90.8	1,821,443	7,820,156	*	241,394
1100 POTATOES	82	23.4	678,931	2,650,986	*	196,697
1200 VEGETABLES	230	73.3	1,563,958	5,871,062	*	194,100
1300 ORNAMENTALS TURF	126	39.8	836,690	3,445,119	*	74,278
1400 CORN	91	21.2	580,087	1,786,942	*	42,357
1500 GRAIN SORGHUM	1	0.1	2,987	4,854	*	0
1600 RICE	2	0.3	9,102	31,323	*	6,188
1700 WHEAT	29	4.6	141,933	536,056	*	47,315
1800 OTHER SMALL GRAINS	20	2.2	74,096	315,014	*	31,845
1900 PASTURE	5	0.8	35,820	80,054	*	0
2000 FORAGE CROPS	106	29.4	801,891	2,793,513	*	285,215
2100 COTTON	1	0.2	8,293	14,187	*	0
2200 COTTONSEED	2	0.1	941	6,074	*	0
2300 SOYBEANS	53	13.5	408,593	1,290,501	*	307,998
2400 PEANUTS	1	0.0	0	4,242	*	0
2500 OTHER OILSEED CROPS	2	0.2	3,257	20,762	*	0
2600 TOBACCO	23	8.7	139,365	584,697	*	0
2700 SUGAR CROPS	1	0.3	3,326	54,314	*	0
2800 MISC NEW CROPS	7	1.3	24,013	118,915	*	0
2900 POULTRY	159	61.4	1,598,024	6,374,810	*	119,225
3000 BEEF CATTLE	86	17.2	757,096	2,302,623	*	31,957
3100 DAIRY CATTLE	212	62.0	1,715,374	7,094,631	*	119,109
3200 SWINE	35	6.3	158,900	873,770	*	166,087
3300 SHEEP AND WOOL	35	4.8	221,509	692,668	*	22,118
3400 OTHER ANIMALS	84	19.1	328,532	2,105,873	*	10,894
3500 BEES AND HONEY	8	1.9	50,204	144,909	*	0
3600 FARM SUPP & FACILITS	14	2.7	47,321	352,223	*	14,288
3700 CLOTHING & TEXTILES	8	1.7	40,290	106,971	*	0
3800 FOOD	101	31.9	779,573	3,061,798	*	98,433
3900 HOUSING & EQUIP	40	16.0	204,462	1,619,731	*	238,652
4000 PEOPLE AS INDIVIDUAL	138	44.4	766,024	3,324,784	*	113,503
4100 FAMILY MEMBERS	26	10.2	358,632	1,970,520	*	81,849
4200 FARM AS BUSINESS	19	7.3	168,955	504,369	*	13,821
4300 SOC POLIT ORGANIZ	88	32.3	827,340	2,172,062	*	196,123
4400 AGRIC ECONOMY U S	11	2.9	68,342	200,007	*	9,956
4500 AGRIC ECONOMY FORGN	7	6.1	20,794	180,090	*	0
4600 FARM COOPERATIVES	2	0.3	11,397	25,931	*	0
4700 OTH MARKET PROCESS	6	1.4	22,095	122,812	*	40,276
4800 MARKETING SYSTEMS	10	6.1	139,755	390,807	*	2,693
6100 WEEDS	3	0.4	22,798	51,616	*	0
6200 SEED RESEARCH	11	3.5	21,957	245,683	*	0
6300 BIO CELL SYSTEMS	41	16.0	273,934	1,415,212	*	32
6400 EXP DESIGN/STAT METH	14	2.9	26,405	234,170	*	0
6500 INVERTEBRATES	42	14.7	278,462	1,244,471	*	48,357
6600 MICROORGANISMS,VIRUS	50	13.5	249,547	1,478,385	*	29,605
6700 PLANTS	104	35.0	677,285	3,050,897	*	748,595
6800 ANIMALS (VERTEBRATES)	52	13.2	116,641	1,557,056	*	213,134
6900 RESEARCH ON RSCH MGM	2	0.2	3,586	52,205	*	0
7000 RSCH EQUIP & TECHNOL	24	6.8	90,584	403,440	*	3,072
9900 UNCLASSIFIED	13	8.0	196,118	3,821,624	*	117,012
TOTAL	3140	966.6	22,350,051	92,974,891	*	4,736,040

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SALS REGION 1 NORTHEAST REGION						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	(INCLUDES SAES-FORESTRY SCH-OTHER INST)	USDA CON/GT/CA WITH SAES	
CATEGORY	OF	YEARS	CR ADMSTED	TOTAL FUNDS	SYS	AMOUNT
	PROJ	1979	(GROSS) 1979	(GROSS) 1979	1979	1979
SERIES 100						
101 APPRAIS OF SOIL RES	29	10.2	132,111	748,632	*	4,721
102 SOIL FLNT WTR NUTRI	59	17.8	545,468	1,769,742	*	175,408
104 ALTERN USE OF LAND	34	9.8	287,657	907,153	*	5,709
105 CONSERV USE OF WATE	14	3.1	56,655	260,866	*	0
106 DRAIN AND IRRIGATIO	5	2.0	9,731	103,087	*	0
107 WATERSHED PROT & MG	16	4.1	106,536	386,999	*	1,585
108 ECON LEG PROB OF WA	6	0.5	4,223	146,884	*	723
109 WEATHER ADAPT & MOD	17	3.6	68,663	466,447	*	80,302
110 APPRAIS FORST & RAN	15	3.7	108,774	331,822	*	17,150
111 BIOL CULT MGMT PCRS	63	17.5	449,162	1,237,947	*	44,421
112 IMPROV RANGE RESCR	2	0.3	54,219	105,761	*	0
113 REMOTE SENSING	10	2.7	68,016	186,290	*	3,189
114 RSCH ON MGMT OF RSC	1	0.2	3,586	6,843	*	0
SUBTOTAL	271	75.3	1,894,801	6,658,474	*	333,207
SERIES 200						
201 CNTRL FORST INSECTS	29	10.9	363,879	1,095,339	*	167,810
202 CONTROL FOREST DIS	18	9.8	277,250	678,022	*	21,372
204 CNTR PESTS FRT & VE	88	34.0	554,180	2,917,982	*	183,415
205 CNTR DISE FRT & VEG	116	40.7	809,302	3,482,341	*	196,758
206 CNTR WEEDS FRT & VE	35	8.7	243,646	798,912	*	12,629
207 CNTR PESTS FLD CROP	40	10.7	292,048	1,073,451	*	321,323
208 CNTR DIS FIELD CROP	49	14.7	334,983	1,182,323	*	65,361
209 CNTR WEEDS FLD CROP	22	4.7	142,308	445,813	*	6,948
210 CNTR PESTS ANIMALS	15	3.1	73,324	257,232	*	20,399
211 CNTR DIS ANIMALS	97	37.6	1,185,672	4,388,351	*	98,905
212 CNTR INTER PARASITE	13	3.5	84,899	347,613	*	0
213 PROT ANMLS FROM TOX	10	3.0	29,578	219,200	*	4,402
214 PROTECT FROM POLIUT	47	11.1	292,517	1,347,746	*	343,906
SUBTOTAL	579	192.5	4,683,587	18,234,323	*	1,443,227
SERIES 300						
301 GENET BREED FORST T	11	4.7	179,988	441,184	*	34,850
302 IMP FOREST ENG SYS	6	2.6	75,659	151,957	*	0
303 ECON TIMBER PRODUCT	8	2.0	33,984	119,789	*	636
304 IMP BIO EFF FRT & V	158	48.1	1,068,944	4,499,293	*	55,471
305 MECH PROD FRT & VEG	20	7.9	268,233	702,849	*	575
306 PROD MGMT SYS F & V	10	3.8	71,812	238,730	*	22,851
307 IMP BIO EFF FLD CRP	108	37.2	981,465	3,166,500	*	220,532
308 MECH PROD FIELD CRO	6	1.2	19,076	68,909	*	0
309 PROD MGMT SYS FLD C	21	5.5	161,318	638,429	*	13,739
310 ANIMAL REPRODUCTION	57	19.5	588,225	2,259,203	*	119
311 IMP BIO EFF ANML PR	163	50.0	1,328,648	6,413,345	*	134,816
312 ENV STRESS IN ANML	27	7.4	231,937	835,432	*	0
313 PROD MGMT SYS ANML	26	9.6	176,141	1,388,586	*	79,086
314 BEES OTH POLLNTNG I	8	1.9	50,204	144,909	*	0
315 IMP STRUC FARM SUPP	28	8.2	158,353	1,097,211	*	245,192
316 FARM BUSINESS MGMT	15	6.2	157,912	462,130	*	7,179
317 MECH/STRUCTS ANML P	7	2.1	72,816	207,492	*	0
318 NON-COM BIO TECH/BI	207	71.6	939,271	6,340,451	*	246,111
SUBTOTAL	886	289.4	6,563,984	29,176,398	*	1,061,156
SERIES 400						
401 NEW IMP FOREST PROD	26	7.1	250,330	559,175	*	25,243
402 PROD F & V IMP ACCE	39	9.3	152,655	810,497	*	3,636
403 NEW & IMP F&V PRCD	39	11.3	139,396	836,541	*	0
404 MKT QUAL FRTS & VEG	52	17.0	567,148	1,626,428	*	43,177
405 PROD FLD CROP IMP A	20	4.4	150,795	445,974	*	48,137
406 NEW IMP FOOD FLD CR	12	3.5	85,805	372,816	*	21,387
407 NEW IMP NON-FOOD FC	2	0.4	3,568	80,425	*	0
408 MKT QUAL FIELD CROP	5	1.1	30,489	92,405	*	514
409 PROD ANML PR IMP AC	13	5.0	232,651	627,514	*	0
410 IMP HEAT MILK EGG P	48	14.2	246,443	1,538,748	*	0
411 IMP NON-FOOD ANMI P	1	0.0	0	613	*	0
412 MKT QUAL ANIMAL PRO	16	4.9	114,246	458,219	*	1,297
SUBTOTAL	273	78.2	1,973,526	7,449,356	*	143,391
SERIES 500						
501 IMP GRADES & STANDS	6	1.4	25,362	130,866	*	0
502 MKTG TIMBER PRODUCT	4	1.1	18,803	63,297	*	9,000
503 MKTG EFF AGRI PRODS	29	10.0	245,617	513,184	*	66,598
506 SPLY DEMAND AND PRI	20	6.7	226,942	382,375	*	21,682
507 COMP REL IN AGRIC	10	2.7	45,487	123,292	*	8,457
508 DOMESTIC MKT DEVELP	10	2.6	59,765	238,400	*	0
509 PERFORMANCE MKTG SY	17	8.2	208,116	572,298	*	59,520
510 GROUP ACT MKT POWER	3	0.6	11,397	41,067	*	0
511 IMP AGRIC STATISTIC	5	0.8	8,094	50,551	*	0
512 IMP GRADES FRST PRO	2	0.7	13,628	24,585	*	1,448
513 PRICE ANAL FRST PRO	2	0.3	4,642	4,642	*	0
SUBTOTAL	108	35.1	867,852	2,144,555	*	166,705
SERIES 600						
601 FGN MKT DEVELP	4	1.6	54,618	160,176	*	0
602 EVAL FGN FOOD AID P	2	0.0	0	1,602	*	0
603 TECH AID DEV CRTY	8	7.3	0	242,506	*	177
SUBTOTAL	14	8.9	54,618	404,284	*	177
SERIES 700						
701 TOX RES IN FOOD	29	14.7	392,498	1,500,327	*	449,384
702 FOOD PROT FROM TOX	28	8.0	269,108	821,906	*	18,096
703 FOOD CONSUMP HABITS	26	7.3	177,874	616,966	*	5,737
704 HOME COMM FOOD SERV	8	2.8	77,467	262,661	*	4,899
705 SEL CARE CLOTH & TE	7	1.5	40,290	94,735	*	0
706 CONTR INSECTS AFF M	38	14.0	259,197	902,628	*	30,337
707 TRANS ANIHL MAN DI	7	4.1	28,862	371,875	*	12,693
708 HUMAN NUTRITION	73	21.3	437,604	2,223,455	*	148,937
709 REDUCE HAZ HLTH & S	11	3.1	40,801	201,508	*	0
SUBTOTAL	227	76.8	1,723,701	6,996,060	*	670,081

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA WITH SAES	
CATEGORY	OF	YEARS	CR ADJUSTED	(GROSS)	SYS	AMOUNT
	PROJ	1979	(GROSS) 1979	1979	1979	1979
SERIES 800						
801 RURAL HOUSING	7	3.8	25,526	214,922	*	0
802 INDIV & FAM DEC MAK	21	7.8	236,855	1,657,519	*	45,399
803 RURAL POVERTY	3	0.8	102,857	122,171	*	14,488
804 ECON POTENT RURL PE	16	6.3	190,420	513,366	*	54,386
805 COMMUNICAT RURAL PE	37	8.6	133,453	624,754	*	45,907
806 ADJUSTMENT TO CHANG	20	7.1	174,795	466,850	*	32,995
807 AGRIC ECONOMIC CHAN	9	1.9	21,058	78,117	*	6,642
808 GOV'T PROGRAMS	1	0.1	0	6,143	*	0
SUBTOTAL	114	36.2	884,963	3,683,842	*	199,817
SERIES 900						
901 ALLEV POLLUTION	134	50.0	921,791	4,688,630	*	124,659
902 OUTDOOR RECREATICN	36	11.8	316,025	813,805	*	25,763
903 MULTI-USE-FOREST PO	15	5.4	111,668	428,516	*	26,173
904 WLDLFE AND FISH ECO	100	27.6	462,090	2,852,821	*	180,053
905 TREES BEAUTIFICATIO	12	4.0	150,730	337,569	*	9,189
906 ORNAMENT & TURF DEV	124	39.3	829,843	3,400,064	*	74,278
907 RURAL INCOME IMP	26	9.9	301,565	546,069	*	72,353
908 RURAL INSTITUT IMP	57	18.2	413,191	1,338,500	*	88,800
990 UNCLASSIFIED	13	8.0	196,118	3,821,624	*	117,012
SUBTOTAL	517	174.2	3,703,019	18,227,598	*	718,279
SCIENCE IN SERV OF MAN						
GRAND TOTAL	2989	966.6	22,350,051	92,974,891	*	4,736,040

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY -

SAES REGION 2 SOUTHERN REGION  
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	335	105.4	1,756,702	10,329,681	*	809,571
0200 WATER	205	56.5	1,065,127	5,415,412	*	457,787
0300 WATERSHEDS RIVER BAS	45	10.9	378,123	1,285,807	*	64,406
0400 AIR AND CLIMATE	20	2.5	33,667	256,998	*	2,591
0500 RECREATION RESOURCES	33	11.3	148,538	854,519	*	144,056
0600 TIMBER FORST PRODUCT	394	156.2	3,330,414	15,388,011	*	1,127,985
0700 RANGE	58	14.7	234,026	1,800,740	*	147,629
0800 WILDLIFE AND FISH	228	77.4	1,259,079	8,445,213	*	599,146
0900 CITRUS SUB TROP FRUT	143	81.1	691,094	6,497,268	*	164,847
1000 FRUIT NUTS DECIDUCUS	337	106.1	1,667,592	10,303,735	*	175,814
1100 POTATOES	37	6.3	95,645	654,483	*	76
1200 VEGETABLES	510	207.8	4,091,883	19,262,801	*	1,373,041
1300 ORNAMENTALS TURF	215	89.6	1,185,001	7,910,961	*	195,862
1400 CORN	259	54.4	1,041,327	5,379,346	*	242,899
1500 GRAIN SORGHUM	144	25.2	435,212	2,522,105	*	92,015
1600 RICE	87	28.3	305,787	2,866,680	*	17,312
1700 WHEAT	132	23.0	485,018	2,407,070	*	121,776
1800 OTHER SMALL GRAINS	107	21.1	755,227	2,465,211	*	522,229
1900 PASTURE	104	24.5	531,525	2,818,826	*	51,110
2000 FORAGE CROPS	317	110.5	2,270,276	11,039,909	*	333,515
2100 COTTON	270	97.1	1,679,190	9,674,737	*	640,942
2200 COTTONSEED	13	1.8	28,019	212,647	*	0
2300 SOYBEANS	444	133.9	3,737,066	14,833,423	*	1,372,596
2400 PEANUTS	148	43.9	559,969	4,693,647	*	413,365
2500 OTHER OILSEED CROPS	16	2.3	60,292	373,848	*	5,937
2600 TOBACCO	135	53.2	742,590	6,334,734	*	216,162
2700 SUGAR CROPS	69	34.6	627,738	3,336,510	*	17,333
2800 MISC NEW CROPS	39	8.0	211,402	676,118	*	17,487
2900 POULTRY	317	100.9	2,902,469	12,711,968	*	669,345
3000 BEEF CATTLE	544	171.7	5,446,568	28,322,566	*	1,376,202
3100 DAIRY CATTLE	380	116.2	2,911,638	17,017,508	*	569,174
3200 SWINE	224	65.4	2,731,382	10,266,169	*	452,456
3300 SHEEP AND WOOL	89	17.9	456,029	1,977,218	*	76,090
3400 OTHER ANIMALS	152	34.4	1,335,540	4,384,035	*	339,023
3500 BEES AND HONEY	3	1.1	8,826	95,498	*	7,714
3600 FARM SUPP & FACILITS	22	6.4	47,561	608,079	*	224,367
3700 CLOTHING & TEXTILES	20	5.1	137,290	425,415	*	100,268
3800 FOOD	157	53.9	1,549,078	4,996,036	*	963,992
3900 HOUSING & EQUIP	71	22.2	250,611	1,924,756	*	381,295
4000 PEOPLE AS INDIVIDUAL	249	71.9	1,778,086	6,458,127	*	2,008,496
4100 FAMILY MEMBERS	87	24.9	829,974	2,096,228	*	768,235
4200 FARM AS BUSINESS	87	28.1	720,301	2,036,745	*	248,289
4300 SOC POLIT ORGANIZ	125	35.0	1,531,220	3,050,365	*	370,079
4400 AGRIC ECONOMY U S	26	7.6	113,193	615,075	*	67,352
4500 AGRIC ECONOMY FORGN	1	0.0	0	5,298	*	0
4600 FARM COOPERATIVES	16	3.9	63,911	275,278	*	116,059
4700 OTH MARKET PROCESS	15	1.6	54,484	156,362	*	11,890
4800 MARKETING SYSTEMS	30	7.1	188,071	676,089	*	200,440
6100 WEEDS	26	3.9	70,380	508,370	*	73,551
6200 SEED RESEARCH	8	2.0	46,193	152,784	*	38
6300 BIO CELL SYSTEMS	43	14.2	119,960	1,440,360	*	82,383
6400 EXP DESIGN/STAT METH	13	5.9	28,375	544,545	*	103,399
6500 INVERTEERATES	69	22.3	442,841	2,224,730	*	78,947
6600 MICROORGANISMS,VIRUS	60	24.3	179,093	2,328,180	*	57,166
6700 PLANTS	192	60.1	838,804	7,117,450	*	909,981
6800 ANIMALS (VERTEBRATES)	86	16.8	231,340	2,129,795	*	83,210
6900 RESEARCH ON RSCH MGM	6	5.1	19,459	361,811	*	0
7000 RSCH EQUIP & TECHNOL	21	3.6	25,963	270,784	*	2,518
9900 UNCLASSIFIED	15	47.6	475,655	2,709,066	*	13,427
TOTAL	7998	2568.3	54,941,825	275,927,131	*	19,666,873

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA WITH SAES	
CATEGORY	OF	YEARS	CR ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1979	(GROSS) 1979	1979	1979	1979
SERIES 100						
101 APPRAIS OF SOIL RES	57	21.4	333,716	2,420,128	*	30,157
102 SOIL FLNT WTR NUTRI	188	57.2	1,175,374	5,679,379	*	164,312
103 MGMT OF SALINE SCIL	16	5.6	45,842	441,478	*	4,731
104 ALTERN USE OF LAND	38	7.0	156,161	604,474	*	36,469
105 CONSERV USE OF WATE	79	16.6	272,270	1,665,975	*	95,406
106 DRAIN AND IRRIGATIO	32	8.1	65,091	641,136	*	4,606
107 WATERSHED PROT & MG	46	13.8	268,273	1,810,088	*	156,338
108 ECON LEG PROB OF WA	8	3.5	59,030	221,244	*	613
109 WEATHER ADAPT & MOD	22	2.4	28,775	254,267	*	24,791
110 APPRAIS FORST & RAN	34	6.9	137,850	562,870	*	36,413
111 BIOL CULT MGMT PCRS	127	44.0	1,140,236	4,070,107	*	172,446
112 IMPROV RANGE RESCR	41	9.7	148,170	1,254,966	*	60,369
113 REMOTE SENSING	10	2.0	146,354	298,120	*	13,262
114 RSCH ON MGMT OF RSC	6	5.1	19,459	361,811	*	0
SUBTOTAL	704	203.2	3,996,597	20,286,044	*	799,913
SERIES 200						
201 CNTRL FORST INSECTS	62	17.8	269,469	2,106,128	*	329,924
202 CONTROL FOREST DIS	48	13.0	377,939	1,175,979	*	60,697
203 FOREST FIRE PROTECT	7	0.8	2,622	126,269	*	75,453
204 CNTR PESTS FRT & VE	134	42.6	518,513	4,129,019	*	431,763
205 CNTR DISE FRT & VEG	252	81.2	1,034,226	7,089,175	*	237,457
206 CNTR WEEDS FRT & VE	64	18.5	281,304	1,749,945	*	103,954
207 CNTR PESTS FLD CROP	249	86.7	1,906,266	8,892,412	*	441,107
208 CNTR DIS FIELD CROP	319	100.3	1,749,645	9,573,944	*	641,646
209 CNTR WEEDS FLD CROP	129	43.8	979,628	5,093,297	*	171,007
210 CNTR PESTS ANIMALS	48	18.0	423,987	1,670,884	*	177,969
211 CNTR DIS ANIMALS	205	70.4	2,053,718	8,264,644	*	462,771
212 CNTR INTER PARASITE	50	16.8	320,204	1,702,653	*	60,400
213 PROT ANMLS FROM TOX	40	7.7	278,282	1,222,137	*	29,456
214 PROTECT FROM POLLUT	61	12.4	138,789	1,496,115	*	442,185
SUBTOTAL	1668	530.1	10,334,594	54,292,599	*	3,665,790
SERIES 300						
301 GENET BREED FORST T	45	13.9	420,097	1,770,448	*	5,913
302 IMP FOREST ENG SYS	10	4.4	69,407	534,106	*	19,624
303 ECON TIMBER PRODUCT	14	7.0	116,912	754,912	*	150,987
304 IMP BIO EFF FRT & V	413	156.0	2,824,966	15,050,409	*	884,375
305 MECH PROD FRT & VEG	65	15.3	226,003	1,653,169	*	49,948
306 PROD MGMT SYS F & V	36	10.3	107,198	853,183	*	1,813
307 IMP BIO EFF FLD CRP	718	303.7	5,621,563	33,779,396	*	1,740,447
308 MECH PROD FIELD CRO	55	17.5	342,246	1,962,851	*	80,063
309 PROD MGMT SYS FLC C	113	32.7	544,194	3,484,979	*	58,187
310 ANIMAL REPRODUCTION	191	79.3	1,914,852	11,706,741	*	253,770
311 IMP BIO EFF ANML PR	513	171.4	6,212,095	33,080,804	*	1,280,591
312 ENV STRESS IN ANML	68	17.8	350,124	2,012,661	*	90,165
313 PROD MGMT SYS ANML	122	29.6	948,660	4,609,979	*	166,671
314 BEES OTH POLLNTNG I	3	1.1	8,826	95,498	*	7,714
315 IMP STRUC FARM SUPP	34	10.9	99,391	1,052,285	*	251,011
316 FARM BUSINESS MGMT	70	23.3	642,055	1,673,973	*	186,717
317 MECH/STRUCTS ANML P	30	7.9	101,031	811,137	*	29,524
318 NON-COM BIO TECH/BI	234	94.1	916,189	9,268,063	*	378,842
SUBTOTAL	2734	996.1	21,465,809	124,154,594	*	5,636,362
SERIES 400						
401 NEW IMP FOREST PROD	44	34.5	459,903	2,970,356	*	78,909
402 PROD F & V IMP ACCE	112	22.6	299,318	2,101,907	*	125,515
403 NEW & IMP F&V PRCD	62	24.9	501,953	2,088,635	*	4,093
404 MKT QUAL FRTS & VEG	50	12.8	282,707	1,080,715	*	4,017
405 PROD FLD CROP IMP A	103	26.2	495,856	2,761,968	*	138,412
406 NEW IMP FOOD FLD CR	46	12.4	639,973	1,611,267	*	246,562
407 NEW IMP NON-FOOD PC	17	7.2	169,951	531,877	*	15,388
408 MKT QUAL FIELD CROP	20	6.0	100,809	396,975	*	4,836
409 PROD ANML PR IMP AC	60	14.1	1,190,991	2,433,041	*	377,366
410 IMP MEAT MILK EGG P	87	29.8	864,774	3,360,384	*	47,914
411 IMP NON-FOOD ANML P	8	1.1	14,155	166,159	*	0
412 MKT QUAL ANIMAL PRO	44	11.8	266,693	1,221,891	*	98,217
SUBTOTAL	653	203.6	5,287,083	20,725,175	*	1,141,228
SERIES 500						
501 IMP GRADES & STANDS	32	11.1	222,399	1,052,553	*	15,352
502 MKTG TIMBER PRODUCT	13	2.4	95,729	193,138	*	20,246
503 MKTG EFF AGRI PRCD	80	22.8	539,577	1,668,438	*	261,311
506 SPLY DEMAND AND PRI	72	20.0	685,395	1,698,039	*	55,338
507 COMP REL IN AGRIC	26	4.0	87,453	242,180	*	14,628
508 DOMESTIC MKT DEVELP	18	5.0	117,960	323,138	*	1,439
509 PERFORMANCE MKTG SY	64	18.7	508,783	1,341,176	*	173,086
510 GROUP ACT MKT POWER	13	3.5	56,124	228,746	*	96,910
511 IMP AGRIC STATISTIC	7	1.5	14,867	95,351	*	65,210
512 IMP GRADES FRST PRO	2	0.8	15,072	57,926	*	7,565
513 PRICE ANAL FRST PRO	6	1.6	43,525	106,679	*	840
SUBTOTAL	333	91.5	2,386,885	7,007,362	*	711,924
SERIES 600						
601 FGN MKT DEVELP	6	2.1	46,455	155,710	*	1,750
603 TECH AID DEV CRTY	8	0.6	0	100,159	*	10,921
604 PRD DVLPMT/MKTG FRG	5	0.4	10,998	42,639	*	0
SUBTOTAL	19	3.1	57,453	298,508	*	12,671
SERIES 700						
701 TOX RES IN FOOD	56	16.0	500,442	2,106,028	*	669,419
702 FOOD PROT FROM TOX	65	18.0	440,864	1,774,997	*	116,956
703 FOOD CONSUMP HABITS	65	20.1	477,710	1,597,744	*	814,779
704 HOME COMM FOOD SERV	8	2.7	17,644	151,596	*	8,427
705 SEL CARE CLOTH & TE	20	4.8	127,321	402,443	*	100,268
706 CONTR INSECTS AFF M	29	9.4	79,829	890,745	*	38,452
707 TRANS ANML MAN DI	8	1.7	5,884	286,762	*	9,117
708 HUMAN NUTRITION	133	43.4	924,871	4,198,448	*	1,521,235
709 REDUCE HAZ HLTH & S	19	7.3	129,292	788,284	*	303,863
SUBTOTAL	403	123.4	2,703,858	12,197,045	*	3,582,516

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA-				SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	26	10.7	170,187	745,631	*	175,233
802 INDIV & FAM DEC MAK	61	17.9	550,128	1,299,280	*	385,629
803 RURAL POVERTY	35	9.9	897,871	1,257,472	*	237,559
804 ECON POTENT RURL PE	42	9.8	309,688	764,380	*	242,732
805 COMMUNICAT RURAL PE	27	6.1	312,265	1,094,503	*	139,182
806 ADJUSTMENT TO CHANG	60	18.3	350,920	1,203,996	*	449,818
807 AGRIC ECONOMIC CHAN	42	11.1	173,201	888,264	*	127,176
808 GOV'T PROGRAMS	8	2.0	29,800	153,842	*	1,748
SUBTOTAL	301	85.8	2,794,059	7,407,368	*	1,759,077
SERIES 900						
901 ALLEV POLLUTION	194	75.7	1,808,019	7,488,502	*	1,067,683
902 OUTDOOR RECREATION	28	11.2	151,940	839,338	*	138,508
903 MULTI-USE-FOREST PO	26	4.7	142,843	465,139	*	43,041
904 WDLFE AND FISH ECO	199	67.1	1,016,904	7,315,820	*	513,389
905 TREES BEAUTIFICATIO	20	5.7	57,113	548,819	*	99,866
906 ORNAMENT & TURF DEV	210	87.0	1,172,759	7,601,554	*	111,697
907 RURAL INCOME IMP	67	12.6	351,970	983,309	*	250,959
908 RURAL INSTITUT IMP	70	19.8	738,283	1,606,886	*	118,824
990 UNCLASSIFIED	15	47.6	475,655	2,709,066	*	13,427
SUBTOTAL	829	331.4	5,915,487	29,558,434	*	2,357,394
SCIENCE IN SERV OF MAN GRAND TOTAL	7644	2568.3	54,941,825	275,927,131	*	19,666,873

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY				- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS 1979	AMOUNT 1979
0100 SOIL AND LAND	368	105.2	1,762,758	12,414,687	*	314,421
0200 WATER	232	44.8	564,523	4,530,800	*	58,040
0300 WATERSHEDS RIVER BAS	30	6.5	135,232	935,765	*	82,323
0400 AIR AND CLIMATE	47	14.3	300,780	1,533,510	*	7,927
0500 RECREATION RESOURCES	50	11.8	218,873	986,873	*	40,755
0600 TIMBER FORST PRODUCT	298	86.9	2,025,539	8,790,891	*	315,332
0700 RANGE	48	12.8	144,566	1,041,294	*	70,773
0800 WILDLIFE AND FISH	123	24.7	236,360	2,896,590	*	62,028
0900 CITRUS SUB TROP FRUIT	2	0.1	6,871	14,942	*	0
1000 FRUIT NUTS DECIDUCUS	149	42.8	831,599	5,175,393	*	66,718
1100 POTATOES	90	23.2	519,178	2,477,327	*	5,566
1200 VEGETABLES	243	60.4	1,181,487	6,715,706	*	329,268
1300 ORNAMENTALS TURF	125	40.4	525,879	4,164,576	*	42,405
1400 CORN	442	102.3	2,115,858	12,448,004	*	619,439
1500 GRAIN SORGHUM	126	21.5	273,843	2,026,520	*	58,011
1600 RICE	11	4.8	3,561	454,600	*	0
1700 WHEAT	300	67.8	1,039,706	6,531,743	*	392,133
1800 OTHER SMALL GRAINS	157	35.0	599,790	3,567,367	*	49,409
1900 PASTURE	38	3.6	112,338	766,873	*	31,435
2000 FORAGE CROPS	242	52.6	1,429,433	6,289,882	*	307,279
2100 COTTON	6	3.7	56,194	299,517	*	3,702
2200 COTTONSEED	1	0.0	1,249	3,552	*	0
2300 SOYBEANS	342	76.8	1,493,152	8,411,022	*	678,973
2400 PEANUTS	3	0.1	3,301	8,276	*	0
2500 OTHER OILSEED CROPS	49	11.3	136,435	808,680	*	16,322
2600 TOBACCO	6	1.6	16,103	139,962	*	2,076
2700 SUGAR CROPS	34	4.4	42,232	507,968	*	9,716
2800 MISC NEW CROPS	30	6.9	119,735	664,842	*	12,150
2900 POULTRY	195	58.3	1,719,690	6,823,558	*	104,158
3000 BEEF CATTLE	403	107.4	2,941,917	21,790,623	*	919,336
3100 DAIRY CATTLE	376	94.5	3,303,943	16,335,013	*	446,839
3200 SWINE	314	85.3	2,857,197	13,854,531	*	480,410
3300 SHEEP AND WOOL	117	25.4	720,255	3,915,969	*	81,950
3400 OTHER ANIMALS	116	21.7	849,498	3,010,818	*	54,620
3500 BEES AND HONEY	8	3.4	18,573	309,456	*	0
3600 FARM SUPP & FACILITS	50	14.6	224,424	1,659,826	*	118,114
3700 CLOTHING & TEXTILES	27	7.2	142,206	517,800	*	0
3800 FOOD	170	42.0	821,330	5,385,693	*	174,392
3900 HOUSING & EQUIP	61	14.4	207,373	1,417,919	*	115,434
4000 PEOPLE AS INDIVIDUAL	189	46.5	678,810	3,944,184	*	309,609
4100 FAMILY MEMBERS	93	22.5	374,972	1,818,521	*	171,722
4200 FARM AS BUSINESS	74	23.1	357,319	1,570,790	*	93,371
4300 SOC POLIT ORGANIZ	137	37.9	803,475	2,925,106	*	181,839
4400 AGRIC ECONOMY U S	48	11.1	312,837	1,335,027	*	208,046
4500 AGRIC ECONOMY FORGN	17	3.8	60,318	445,029	*	216,743
4600 FARM COOPERATIVES	16	1.6	61,433	237,078	*	37,226
4700 OTH MARKET PROCESS	14	2.5	47,731	168,308	*	4,907
4800 MARKETING SYSTEMS	48	11.1	280,532	964,026	*	159,678
6100 WEEDS	11	2.7	52,993	175,495	*	0
6200 SEED RESEARCH	6	2.0	27,197	399,849	*	0
6300 BIO CELL SYSTEMS	97	36.2	343,909	4,268,502	*	11,270
6400 EXP DESIGN/STAT METH	31	11.5	63,714	1,356,106	*	528,465
6500 INVERTEBRATES	46	16.8	201,836	1,342,333	*	0
6600 MICROORGANISMS,VIRUS	84	28.2	331,014	3,548,823	*	101,670
6700 PLANTS	176	54.1	772,138	6,570,339	*	587,384
6800 ANIMALS(VERTEBRATES)	153	43.0	714,105	5,164,296	*	159,514
6900 RESEARCH ON RSCH MGM	14	5.4	71,488	372,894	*	42,125
7000 RSCH EQUIP & TECHNOL	37	8.1	131,913	940,373	*	98,873
9900 UNCLASSIFIED	21	34.3	1,428,885	10,686,661	*	801,954
TOTAL	6741	1742.9	36,819,601	217,862,108	*	9,785,846

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS 1979	AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	67	24.9	322,902	2,943,530	*	25,015
102 SOIL PLNT WTR NUTRI	198	57.4	942,045	6,314,571	*	110,054
103 MGMT OF SALINE SOIL	5	0.5	3,243	64,352	*	0
104 ALTERN USE OF LAND	58	15.6	255,479	1,544,309	*	81,495
105 CONSERV USE OF WATE	75	17.4	144,848	1,619,335	*	20,406
106 DRAIN AND IRRIGATIO	38	8.3	107,281	888,991	*	37,036
107 WATERSHED PROT & MG	39	9.3	234,907	1,301,445	*	82,175
108 ECON LEG PROB OF WA	17	7.6	63,818	403,011	*	8,497
109 WEATHER ADAPT & MOD	44	15.6	297,276	1,630,090	*	7,927
110 APPRAIS FORST & RAN	35	6.1	114,433	600,629	*	21,192
111 BIOL CULT MGMT FCRS	93	21.4	557,587	2,543,787	*	82,131
112 IMPROV RANGE RESCR	28	8.3	80,878	661,807	*	55,323
113 REMOTE SENSING	15	2.8	46,197	597,938	*	101,210
114 RSCH ON MGMT OF ESC	14	5.4	71,488	372,894	*	42,125
SUBTOTAL	726	200.5	3,242,380	21,486,690	*	674,584
SERIES 200						
201 CNTRL FORST INSECTS	36	7.2	151,316	658,606	*	29,041
202 CONTROL FOREST DIS	38	6.6	180,933	605,415	*	23,736
203 FOREST FIRE PROTECT	2	0.2	0	30,152	*	0
204 CNTR PESTS FRT & VE	54	12.9	188,557	1,580,542	*	72,956
205 CNTR DISE FRT & VEG	119	28.9	577,023	2,804,907	*	126,741
206 CNTR WEEDS FRT & VE	25	5.3	72,391	586,536	*	27,243
207 CNTR PESTS FLD CROP	130	38.1	823,987	4,263,110	*	187,304
208 CNTR DIS FIELD CROP	215	64.2	1,301,939	5,819,131	*	102,909
209 CNTR WEEDS FLD CROP	91	20.4	367,062	2,849,280	*	113,543
210 CONTR PESTS ANIMALS	34	8.0	110,591	709,204	*	38,015
211 CONTR DIS ANIMALS	283	80.9	2,615,067	10,543,252	*	712,058
212 CNTR INTER PARASITE	25	5.8	174,837	874,055	*	0
213 PROT ANMLS FROM TOX	49	10.1	227,577	1,483,610	*	4,178
214 PROTECT FROM POLIUT	68	9.8	206,996	1,513,604	*	42,025
SUBTOTAL	1169	298.4	6,998,276	34,321,403	*	1,479,750
SERIES 300						
301 GENET BREED FORST T	39	10.0	404,109	1,160,860	*	13,999
302 IMP FOREST ENG SYS	3	0.9	15,725	44,055	*	823
303 ECON TIMBER PRODUCT	9	1.8	38,111	173,017	*	3,105
304 IMP BIO EFF FRT & V	180	53.7	1,008,328	6,575,118	*	194,803
305 MECH PROD FRT & VEG	17	5.2	125,631	477,006	*	16,520
306 PROD MGMT SYS F & V	23	3.3	63,814	418,656	*	88
307 IMP BIO EFF FLD CRP	459	179.0	3,102,276	21,369,998	*	1,218,242
308 MECH PROD FIELD CRO	31	6.8	158,577	935,163	*	2,676
309 PROD MGMT SYS FLD C	80	17.3	305,124	1,932,190	*	69,288
310 ANIMAL REPRODUCTION	148	47.3	1,760,553	7,708,073	*	345,950
311 IMP BIO EFF ANML PR	387	145.2	4,383,892	31,205,009	*	649,143
312 ENV STRESS IN ANML	47	14.8	382,765	2,278,427	*	81,076
313 PROD MGMT SYS ANML	91	18.9	495,390	3,431,230	*	40,007
314 BEES OTH POLLNTNG I	8	3.4	18,573	309,456	*	0
315 IMP STRUC FARM SUPP	47	16.7	229,079	1,832,819	*	179,826
316 FARM BUSINESS MGMT	57	17.8	283,696	1,266,654	*	74,348
317 MECH/STRUCTS ANML P	23	4.1	141,543	571,622	*	86,769
318 NON-COM BIO TECH/BI	314	132.2	1,485,477	14,329,180	*	120,202
SUBTOTAL	1963	678.4	14,402,663	96,018,533	*	3,096,864
SERIES 400						
401 NEW IMP FOREST PROD	25	21.0	283,285	1,680,870	*	60,584
402 PROD F & V IMP ACCE	43	12.0	212,653	1,105,785	*	4,818
403 NEW & IMP F&V PRCD	30	6.7	194,479	811,797	*	13,190
404 MKT QUAL FRTS & VEG	31	7.6	173,281	770,228	*	38,316
405 PROD FLD CROP IMP A	84	26.3	476,193	2,306,081	*	45,635
406 NEW IMP FOOD FLD CR	71	19.4	379,491	2,033,954	*	85,823
407 NEW IMP NON-FOOD FC	21	3.9	43,544	378,579	*	0
408 MKT QUAL FIELD CROP	51	8.9	195,827	1,198,501	*	127,543
409 PROD ANML PR IMP AC	52	12.6	512,738	2,376,216	*	73,812
410 IMP MEAT MILK EGG P	98	29.1	635,912	2,840,953	*	25,873
411 IMP NON-FOOD ANML P	5	0.3	2,327	21,807	*	0
412 MKT QUAL ANIMAL PRO	39	8.6	222,342	818,692	*	11,998
SUBTOTAL	550	156.4	3,332,072	16,343,462	*	487,591
SERIES 500						
501 IMP GRADES & STANDS	14	3.5	46,802	359,380	*	53,809
502 MKTG TIMBER PRODUCT	3	1.3	17,802	88,298	*	10,553
503 MKTG EFF AGRI PRCDs	76	15.0	408,894	1,738,408	*	301,974
506 SPLY DEMAND AND PRI	30	7.1	208,645	853,337	*	157,503
507 COMP REL IN AGRIC	18	2.6	115,828	494,219	*	48,710
508 DOMESTIC MKT DEVELP	5	1.4	31,916	87,524	*	0
509 PERFORMANCE MKTG SY	46	12.2	310,381	1,124,778	*	162,397
510 GROUP ACT MKT POWER	16	1.8	67,033	250,975	*	58,460
511 IMP AGRIC STATISTIC	18	3.9	32,331	781,040	*	437,801
512 IMP GRADES FRST PRO	2	0.2	1,952	25,377	*	16,850
513 PRICE ANAL FRST PRO	6	1.0	9,232	110,843	*	27,283
SUBTOTAL	234	50.0	1,250,814	5,914,179	*	1,275,339
SERIES 600						
601 FGN MKT DEVELP	31	6.8	201,246	664,894	*	80,978
602 EVAL FGN FOOD AID P	2	0.0	3,896	10,558	*	0
603 TECH AID DEV CRTY	24	11.5	8,935	620,438	*	277,482
SUBTOTAL	57	18.3	214,077	1,295,890	*	358,460
SERIES 700						
701 TOX RES IN FOOD	46	9.3	201,147	1,284,356	*	373,237
702 FOOD PROT FROM TCX	74	19.4	376,270	2,724,228	*	37,541
703 FOOD CONSUMP HABITS	49	7.5	114,784	615,086	*	215,409
704 HOME COMM FOOD SERV	23	5.2	123,716	502,210	*	0
705 SEL CABE CLOTH & TE	23	5.7	90,598	422,889	*	0
706 CONTR INSECTS AFF M	19	5.5	90,829	460,635	*	5,699
707 TRANS ANIML MAN DI	10	1.6	12,177	286,670	*	0
708 HUMAN NUTRITION	105	27.7	945,424	3,657,232	*	248,670
709 REDUCE HAZ HLTH & S	20	4.8	104,698	290,089	*	12,724
SUBTOTAL	369	86.6	2,059,644	10,243,396	*	893,279

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS 1979	AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	13	2.1	26,451	184,285	*	0
802 INDIV & FAM DEC MAK	64	16.1	264,285	1,271,236	*	20
803 RURAL POVERTY	5	0.3	15,001	43,525	*	0
804 ECON POTENT RURL PE	26	6.8	188,859	506,476	*	0
805 COMMUNICAT RURAL PE	47	13.8	76,407	882,355	*	65,357
806 ADJUSTMENT TO CHANG	51	15.3	274,095	1,076,548	*	31,068
807 AGRIC ECONOMIC CHAN	54	13.0	292,471	1,215,113	*	134,348
808 GOV'T PROGRAMS	19	3.1	67,272	286,004	*	26,975
SUBTOTAL	279	70.3	1,204,840	5,465,542	*	257,768
SERIES 900						
901 ALLEV POLLUTION	174	37.4	884,366	5,102,907	*	129,960
902 OUTDOOR RECREATION	47	11.1	217,534	877,929	*	33,826
903 MULTI-USE-FOREST PO	17	3.2	59,013	354,829	*	15,598
904 WLDLPE AND FISH ECO	104	21.6	205,056	2,624,769	*	56,084
905 TREES BEAUTIFICATIO	40	6.9	104,218	669,719	*	1,674
906 ORNAMENT & TURF DEV	115	38.2	505,696	3,994,885	*	41,276
907 RURAL INCOME IMP	36	9.3	195,760	671,645	*	98,670
908 RURAL INSTITUT IMP	83	21.8	514,307	1,789,668	*	83,169
990 UNCLASSIFIED	21	34.3	1,428,885	10,686,661	*	801,954
SUBTOTAL	637	183.9	4,114,835	26,773,013	*	1,262,211
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5984	1742.9	36,819,601	217,862,108	*	9,785,846

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - SAES REGION 4 WESTERN REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA	WITH SAES
CATEGORY	OF	YEARS	CR ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1979	(GROSS) 1979	1979	1979	1979
0100 SOIL AND LAND	305	115.2	1,248,062	11,198,015	*	813,356
0200 WATER	204	65.6	738,648	7,266,759	*	498,089
0300 WATERSHEDS RIVER BAS	39	14.9	87,874	1,814,064	*	527,645
0400 AIR AND CLIMATE	41	14.3	146,967	2,024,889	*	79,062
0500 RECREATION RESOURCES	52	14.5	252,614	1,194,910	*	129,391
0600 TIMBER FORST PRODUCT	400	167.5	1,775,453	14,909,413	*	1,712,676
0700 RANGE	184	49.6	446,398	4,782,190	*	349,507
0800 WILDLIFE AND FISH	175	49.4	305,629	5,652,420	*	284,370
0900 CITRUS SUB TROP FRUT	145	56.8	492,549	6,135,720	*	102,974
1000 FRUIT NUTS DECIDUCUS	282	95.0	1,035,484	10,749,594	*	120,749
1100 POTATOES	97	30.7	236,413	2,982,537	*	22,831
1200 VEGETABLES	357	104.8	1,275,429	10,603,328	*	316,778
1300 ORNAMENTALS TURF	140	43.5	235,408	3,878,625	*	43,375
1400 CORN	61	11.7	119,425	1,059,003	*	33,281
1500 GRAIN SORGHUM	30	5.1	49,275	421,177	*	5,867
1600 RICE	16	4.7	23,973	613,300	*	46,073
1700 WHEAT	176	50.6	547,688	4,654,800	*	270,827
1800 OTHER SMALL GRAINS	141	25.9	362,641	2,733,375	*	91,083
1900 PASTURE	22	4.0	11,252	372,678	*	2,297
2000 FORAGE CROPS	230	63.2	769,698	5,818,449	*	379,197
2100 COTTON	80	30.4	306,728	2,958,263	*	89,005
2200 COTTONSEED	4	1.1	16,755	133,222	*	3,490
2300 SOYBEANS	29	4.5	33,916	832,347	*	241,780
2400 PEANUTS	5	1.3	544	66,689	*	0
2500 OTHER OILSEED CROPS	33	8.7	69,965	1,365,449	*	44,987
2600 TOBACCO	1	0.0	731	731	*	0
2700 SUGAR CROPS	66	12.3	129,815	1,139,489	*	33,484
2800 MISC NEW CROPS	47	11.1	178,738	1,720,084	*	50,114
2900 POULTRY	99	32.6	673,385	3,638,554	*	2,433
3000 BEEF CATTLE	309	111.2	2,910,432	14,178,496	*	322,549
3100 DAIRY CATTLE	156	41.4	820,053	4,981,193	*	125,768
3200 SWINE	42	8.1	163,107	1,525,023	*	41,927
3300 SHEEP AND WOOL	109	30.6	632,874	2,967,411	*	22,324
3400 OTHER ANIMALS	73	20.0	256,352	2,228,328	*	22,712
3500 BEES AND HONEY	26	10.7	156,303	914,101	*	51,929
3600 FARM SUPP & FACILITS	14	2.5	35,161	254,876	*	7,104
3700 CLOTHING & TEXTILES	16	3.4	38,821	239,953	*	0
3800 FOOD	110	37.3	418,369	3,822,335	*	112,873
3900 HOUSING & EQUIP	43	8.5	89,398	1,048,418	*	195,428
4000 PEOPLE AS INDIVIDUAL	155	46.1	515,540	4,109,100	*	177,553
4100 FAMILY MEMBERS	40	10.0	210,891	574,845	*	19,679
4200 FARM AS BUSINESS	32	10.1	144,698	624,619	*	9,134
4300 SOC POLIT ORGANIZ	88	23.1	334,516	2,130,916	*	101,563
4400 AGRIC ECONOMY U S	26	7.8	90,955	773,223	*	30,092
4500 AGRIC ECONOMY FORGN	8	4.0	28,888	200,061	*	3,994
4600 FARM COOPERATIVES	7	1.0	9,045	85,562	*	16,555
4700 OTH MARKET PROCESS	8	1.1	21,021	62,834	*	490
4800 MARKETING SYSTEMS	13	3.5	30,222	274,760	*	32,810
6100 WEEDS	19	4.0	63,115	427,488	*	42,863
6200 SEED RESEARCH	11	2.7	12,095	197,303	*	0
6300 BIO CELL SYSTEMS	44	19.5	71,221	2,015,996	*	18,857
6400 EXP DESIGN/STAT METH	20	5.7	17,249	652,929	*	68,662
6500 INVERTEBRATES	115	51.0	252,924	4,914,075	*	102,441
6600 MICROORGANISMS, VIRUS	61	20.7	166,410	2,107,906	*	13,916
6700 PLANTS	233	72.4	610,668	7,504,206	*	526,691
6800 ANIMALS (VERTEBRATES)	94	46.2	215,186	5,463,979	*	184,725
6900 RESEARCH ON RSCH MGM	11	3.1	17,930	296,479	*	0
7000 RSCH EQUIP & TECHNOL	36	9.4	38,256	1,281,168	*	25,462
9900 UNCLASSIFIED	19	34.1	163,369	3,271,497	*	467,433
TOTAL	5399	1738.0	20,106,528	179,849,150	*	9,040,253

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	56	20.7	212,110	1,704,504	*	119,054
102 SOIL PLNT WTR NUTRI	135	49.8	416,453	4,568,296	*	296,588
103 MGMT OF SALINE SCIL	39	9.1	45,806	980,978	*	49,274
104 ALTERN USE OF LAND	52	19.6	345,822	1,871,658	*	386,368
105 CONSERV USE OF WATE	95	30.2	314,361	2,962,978	*	298,324
106 DRAIN AND IRRIGATIO	47	12.2	137,187	1,473,920	*	58,379
107 WATERSHED PROT & MG	57	21.7	161,561	2,371,876	*	439,701
108 ECON LEG PROB OF WA	13	2.4	28,880	355,348	*	47,209
109 WEATHER ADAPT & MOD	40	11.8	177,013	1,350,848	*	30,488
110 APPRAIS FORST & RAN	48	9.7	107,469	1,099,714	*	105,049
111 BIOL CULT MGMT FCRS	123	44.0	574,383	4,241,025	*	416,210
112 IMPROV RANGE RESOR	119	30.6	241,173	3,077,981	*	186,708
113 REMOTE SENSING	15	4.1	30,271	545,588	*	163,704
114 RSCH ON MGMT OF RSC	10	2.9	17,930	287,069	*	0
SUBTOTAL	849	268.9	2,810,417	26,891,784	*	2,597,056
SERIES 200						
201 CNTRL FORST INSECTS	61	17.7	196,021	1,467,260	*	212,186
202 CONTROL FOREST DIS	39	10.1	189,988	1,000,533	*	115,329
203 FOREST FIRE PROTECT	5	0.7	9,750	62,140	*	16,447
204 CNTR PESTS FRT & VE	126	45.7	468,676	4,721,149	*	85,437
205 CNTR DISE FRT & VEG	207	61.8	711,628	6,851,923	*	132,636
206 CNTR WEEDS FRT & VE	53	12.8	149,810	1,337,567	*	38,447
207 CNTR PESTS FLD CROP	108	34.4	389,867	3,436,664	*	221,260
208 CNTR DIS FIELD CROP	122	34.0	394,744	3,386,224	*	150,057
209 CNTR WEEDS FLD CROP	68	24.4	207,457	1,817,148	*	56,414
210 CNTR PESTS ANIMALS	24	3.8	81,192	291,228	*	967
211 CNTR DIS ANIMALS	130	67.9	1,240,035	8,206,100	*	372,710
212 CNTR INTER PARASITE	22	7.3	254,226	743,319	*	1,535
213 PRCT ANMLS FROM TOX	23	3.0	72,999	439,378	*	44,695
214 PROTECT FROM POLIUT	67	19.3	156,385	2,501,848	*	180,899
SUBTOTAL	1055	342.9	4,522,778	36,262,482	*	1,629,020
SERIES 300						
301 GENET BREED FORST T	26	11.7	101,870	861,308	*	145,447
302 IMP FOREST ENG SYS	13	6.1	68,053	475,593	*	60,738
303 ECON TIMBER PRODUCT	21	5.6	84,371	779,977	*	66,710
304 IMP BIO EFF FRT & V	282	96.5	824,161	10,386,155	*	76,829
305 MECH PROD FRT & VEG	40	9.6	102,939	1,040,426	*	69,032
306 PROD MGMT SYS F & V	23	4.2	44,607	379,931	*	14,779
307 IMP BIO EFF FLD CRP	296	115.4	1,149,064	11,679,106	*	435,287
308 MECH PROD FIELD CRO	13	4.2	31,162	452,076	*	34,975
309 PROD MGMT SYS FLD C	30	9.5	121,465	721,469	*	37,042
310 ANIMAL REPRODUCTION	95	29.8	974,923	4,476,674	*	45,458
311 IMP BIO EFF ANML PR	208	85.5	1,412,037	11,451,465	*	46,546
312 ENV STRESS IN ANML	36	11.8	217,340	1,503,055	*	26,020
313 PROD MGMT SYS ANML	43	9.9	243,499	1,130,224	*	23,503
314 BEES OTH POLLNTNG I	26	10.7	156,303	914,101	*	51,929
315 IMP STRUC FARM SUPP	9	3.1	17,663	397,091	*	118,850
316 FARM BUSINESS MGMT	20	6.0	88,220	376,069	*	1,653
317 MECH/STRUCTS ANML P	5	0.9	23,666	197,285	*	0
318 NON-COM BIO TECH/BI	317	141.3	809,033	13,759,642	*	215,548
SUBTOTAL	1503	561.6	6,470,376	60,981,646	*	1,470,345
SERIES 400						
401 NEW IMP FOREST PROD	69	34.4	224,563	2,660,953	*	156,531
402 PROD F & V IMP ACCE	75	14.4	136,906	1,887,745	*	18,781
403 NEW & IMP P&V PRCD	62	21.6	212,490	1,908,679	*	60,034
404 MKT QUAL FRTS & VEG	59	18.2	226,821	2,104,908	*	46,416
405 PROD FLD CROP IMF A	48	12.3	288,019	1,637,253	*	43,080
406 NEW IMP FOOD FLD CR	21	3.8	62,111	915,000	*	368,632
407 NEW IMP NON-FOOD FC	9	1.5	15,677	293,814	*	0
408 MKT QUAL FIELD CROP	13	2.4	13,581	271,801	*	35,761
409 PROD ANML PR IMP AC	32	11.0	331,380	938,570	*	0
410 IMP HEAT HLK EGG P	37	10.0	136,333	969,594	*	0
411 IMP NON-FOOD ANML P	7	1.1	4,957	175,659	*	0
412 MKT QUAL ANIMAL FRO	23	4.5	109,188	447,269	*	30,502
SUBTOTAL	455	135.2	1,762,027	14,211,246	*	759,737
SERIES 500						
501 IMP GRADES & STANDS	12	2.8	66,979	288,290	*	15,992
502 MKTG TIMBER PRODUCT	6	1.9	4,689	129,087	*	17,767
503 MKTG EFF AGRI PRCDs	36	8.9	165,037	572,299	*	45,764
506 SPILY DEMAND AND PRI	37	11.9	229,879	1,066,893	*	55,859
507 COMP REL IN AGRIC	9	1.3	27,278	96,791	*	7,734
508 DOMESTIC MKT DEVELP	10	2.0	34,320	139,392	*	6,113
509 PERFORMANCE MKTG SY	23	7.1	116,796	450,410	*	25,523
510 GROUP ACT MKT POWER	5	1.1	10,744	72,187	*	3,071
511 IMP AGRIC STATISIC	6	3.2	7,706	330,893	*	62,988
512 IMP GRADES FRST FRO	10	2.5	20,053	257,674	*	48,294
513 PRICE ANAL FRST PRO	12	3.9	60,578	271,322	*	47,378
SUBTOTAL	166	46.6	744,060	3,675,239	*	336,481
SERIES 600						
601 FGN MKT DEVELP	10	4.6	63,570	280,242	*	3,733
602 EVAL FGN FOOD AID P	1	0.4	0	18,820	*	0
603 TECH AID DEV CRTY	17	4.7	8,998	277,740	*	26,325
604 PED DVLPMT/MKTG FRG	3	0.1	725	13,226	*	124
SUBTOTAL	31	9.9	73,293	590,029	*	30,182
SERIES 700						
701 TOX RES IN FOOD	63	20.6	180,584	2,860,882	*	483,511
702 FOOD PROT FROM TCX	44	13.9	216,511	1,351,845	*	8,599
703 FOOD CONSUMP HABITS	34	10.4	109,352	798,986	*	12,773
704 HOME COMM FOOD SERV	7	1.3	24,577	100,744	*	8,956
705 SEL CARE CLOTH & TE	13	3.1	29,806	219,736	*	0
706 CONTR INSECTS AFF M	38	13.1	106,310	1,305,740	*	20,966
707 TRANS ANIML MAN DI	2	1.1	638	108,751	*	0
708 HUMAN NUTRITION	73	33.2	314,309	3,514,344	*	96,620
709 REDUCE HAZ HLTH & S	13	3.2	29,840	345,913	*	1,892
SUBTOTAL	287	99.8	1,011,928	10,606,942	*	633,317

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA	WITH SAES
CATEGORY	OF	YEARS	CR ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1979	(GROSS) 1979	1979	1979	1979
SERIES 800						
801 RURAL HOUSING	7	1.2	22,154	103,933	*	378
802 INDIV & FAM DEC MAK	44	7.7	166,921	466,839	*	14,627
803 RURAL POVERTY	10	1.4	28,902	96,386	*	12,046
804 ECON POTENT RURL PE	24	6.5	98,161	443,941	*	9,397
805 COMMUNICAT RURAL PE	24	5.7	49,711	419,620	*	7,591
806 ADJUSTMENT TO CHANG	39	9.8	201,036	633,808	*	23,948
807 AGRIC ECONOMIC CHAN	28	10.5	137,941	699,420	*	29,778
808 GOV'T PROGRAMS	8	0.9	10,696	63,036	*	6,095
SUBTOTAL	184	43.6	715,521	2,926,982	*	103,862
SERIES 900						
901 ALLEV POLLUTION	138	52.1	620,818	6,633,485	*	293,103
902 OUTDOOR RECREATION	49	14.0	253,649	1,173,902	*	124,727
903 MULTI-USE-FOREST PO	28	5.6	83,898	366,832	*	28,575
904 WDLFE AND FISH ECO	152	45.1	273,676	5,215,889	*	278,416
905 TREES BEAUTIFICATIO	33	15.1	72,089	1,332,019	*	138,410
906 ORNAMENT & TURF DEV	135	41.5	225,512	3,643,409	*	43,012
907 RURAL INCOME IMP	39	7.2	110,040	581,617	*	55,139
908 RURAL INSTITUT IMP	53	14.8	193,077	1,484,151	*	51,441
990 UNCLASSIFIED	19	34.1	163,369	3,271,497	*	467,433
SUBTOTAL	646	229.6	1,996,128	23,702,801	*	1,480,254
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5176	1738.0	20,106,528	179,849,150	*	9,040,253

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA COM/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1109	349.8	5,358,418	36,269,767	*	1,420,489
0200 WATER	696	174.4	2,294,023	18,362,107	*	659,298
0300 WATERSHEDS RIVER BAS	115	30.0	555,389	3,863,565	*	529,312
0400 AIR AND CLIMATE	131	36.3	524,696	4,323,384	*	121,202
0500 RECREATION RESOURCES	138	40.5	824,947	3,196,561	*	178,600
0600 TIMBER FORST PRODUCT	924	340.7	7,510,342	33,361,576	*	2,461,444
0700 RANGE	273	73.5	815,337	7,399,825	*	492,723
0800 WILDLIFE AND FISH	550	157.6	1,829,003	17,863,643	*	482,569
0900 CITRUS SUB TROP FRUIT	292	138.3	1,209,235	12,695,453	*	266,987
1000 FRUIT NUTS DECIDUOUS	1000	330.9	5,133,832	33,735,540	*	513,785
1100 POTATOES	306	83.5	1,530,167	8,765,333	*	225,170
1200 VEGETABLES	1294	424.8	6,427,847	39,560,785	*	1,009,571
1300 ORNAMENTALS TURF	599	212.2	2,782,400	19,236,897	*	215,339
1400 CORN	847	189.2	3,856,697	20,583,970	*	848,651
1500 GRAIN SORGHUM	299	51.5	747,365	4,899,777	*	95,477
1600 RICE	114	38.1	342,424	3,961,142	*	64,812
1700 WHEAT	633	145.3	2,214,344	14,038,867	*	743,043
1800 OTHER SMALL GRAINS	411	80.5	1,399,048	8,173,935	*	180,241
1900 PASTURE	167	32.6	451,580	3,774,101	*	59,867
2000 FORAGE CROPS	881	253.3	4,933,511	25,456,558	*	1,159,489
2100 COTTON	351	127.9	2,050,405	12,761,942	*	554,199
2200 COTTONSEED	20	3.0	46,964	355,495	*	3,490
2300 SOYBEANS	824	211.2	4,034,693	22,457,797	*	1,377,010
2400 PEANUTS	151	39.7	479,172	4,480,617	*	205,771
2500 OTHER OILSEED CROPS	99	22.4	269,949	2,563,623	*	62,129
2600 TOBACCO	164	62.7	898,790	6,962,906	*	121,021
2700 SUGAR CROPS	170	51.5	803,111	5,038,281	*	44,533
2800 MISC NEW CROPS	122	27.2	533,888	3,176,724	*	76,516
2900 POULTRY	744	246.9	6,170,562	28,263,075	*	341,465
3000 BEEF CATTLE	282	78.7	1,777,218	11,861,851	*	284,847
3000 BEEF CATTLE	1028	320.1	9,030,741	52,721,974	*	1,621,891
3100 DAIRY CATTLE	303	86.7	1,739,842	11,121,259	*	234,035
3100 DAIRY CATTLE	802	222.3	6,809,979	33,637,472	*	558,429
3200 SWINE	584	158.0	4,497,183	24,578,358	*	613,564
3300 SHEEP AND WOOL	340	72.3	1,743,433	9,155,473	*	91,925
3400 OTHER ANIMALS	408	91.5	1,584,147	10,288,881	*	172,850
3500 BEES AND HONEY	45	17.1	233,906	1,463,964	*	59,643
3600 FARM SUPP & FACILITS	93	23.9	348,698	2,642,574	*	155,720
3700 CLOTHING & TEXTILES	67	15.5	350,581	1,181,846	*	0
3800 FOOD	490	152.3	3,089,727	15,840,243	*	402,695
3900 HOUSING & EQUIP	203	57.8	740,652	5,659,911	*	638,402
4000 PEOPLE AS INDIVIDUAL	617	171.9	2,844,958	14,721,697	*	407,839
4100 FAMILY MEMBERS	193	52.4	953,118	4,638,963	*	41,685
4200 FARM AS BUSINESS	199	65.4	1,166,041	4,343,676	*	197,001
4300 SOC POLIT ORGANIZ	407	122.7	2,659,115	9,098,048	*	508,423
4400 AGRIC ECONOMY U S	109	29.2	585,327	2,866,012	*	258,126
4500 AGRIC ECONOMY FORGN	32	13.9	110,000	830,378	*	220,738
4600 FARM COOPERATIVES	37	4.7	113,167	499,276	*	81,152
4700 OTH MARKET PROCESS	43	6.5	145,331	510,317	*	57,563
4800 MARKETING SYSTEMS	98	27.5	636,286	2,282,945	*	375,179
6100 WEEDS	56	10.6	209,285	1,098,645	*	52,090
6200 SEED RESEARCH	36	10.1	107,442	995,619	*	38
6300 BIO CELL SYSTEMS	223	85.2	809,024	9,087,272	*	59,743
6400 EXP DESIGN/STAT METH	73	24.7	123,530	2,666,963	*	607,299
6500 INVERTEBRATES	268	104.5	911,342	9,399,138	*	169,204
6600 MICROORGANISMS,VIRUS	251	86.0	907,137	9,414,374	*	172,363
6700 PLANTS	693	219.4	2,870,152	23,900,461	*	2,476,753
6800 ANIMALS (VERTEBRATES)	382	117.9	1,261,529	14,207,905	*	549,105
6900 RESEARCH ON RSCH MGM	33	13.8	112,462	1,083,390	*	42,125
7000 RSCH EQUIP & TECHNOL	113	26.7	250,803	2,774,041	*	123,141
9900 UNCLASSIFIED	59	102.5	2,237,752	17,904,319	*	1,004,095
TOTAL	21991	6567.5	116,988,045	718,060,493	*	26,751,864

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL FES	195	70.7	927,535	7,234,574	*	152,670
102 SOIL PLNT WTR NUTRI	543	170.6	2,413,957	17,115,643	*	641,272
103 MGMT OF SALINE SCIL	59	15.0	94,890	1,482,077	*	49,274
104 ALTERN USE OF LAND	173	51.3	1,036,584	4,843,993	*	493,836
105 CONSERV USE OF WATE	255	62.8	746,822	6,182,812	*	393,910
106 DRAIN AND IRRIGATIO	122	30.6	319,289	3,107,133	*	100,021
107 WATERSHED PROT & MG	138	39.8	699,555	5,145,929	*	562,695
108 ECON LEG PROB OF WA	44	14.1	155,951	1,126,487	*	57,041
109 WEATHER ADAPT & MOD	118	32.3	540,562	3,579,887	*	128,443
110 APPRAIS FORST & RAN	98	21.8	323,959	2,153,424	*	163,129
111 BIOL CULT MGMT PCRS	256	82.0	2,049,767	7,923,358	*	321,923
112 IMPROV RANGE RESCR	175	45.6	522,397	4,855,535	*	227,417
113 REMOTE SENSING	41	9.5	153,014	1,404,190	*	254,644
114 RSCH ON MGMT OF RSC	31	13.6	112,462	1,028,618	*	42,125
SUBTOTAL	2248	659.5	10,096,746	67,183,659	*	3,588,400
SERIES 200						
201 CNTRL FORST INSECTS	151	42.2	861,111	4,510,229	*	674,362
202 CONTROL FOREST DIS	113	33.1	839,503	2,903,292	*	165,479
203 FOREST FIRE PROTECT	9	1.2	12,372	182,396	*	79,305
204 CNTR PESTS FRT & VE	396	132.7	1,696,272	13,031,303	*	489,833
205 CNTR DISE FRT & VEG	682	211.0	3,012,400	19,968,811	*	553,901
206 CNTR WEEDS FRT & VE	168	44.6	744,313	4,394,324	*	106,523
207 CNTR PESTS FLD CROP	512	168.5	3,374,442	17,300,272	*	850,524
208 CNTR DIS FIELD CROP	693	208.8	3,767,607	19,534,632	*	546,685
209 CNTR WEEDS FLD CROP	307	92.8	1,488,030	9,987,641	*	338,622
210 CNTR PESTS ANIMALS	120	32.8	598,566	2,838,020	*	237,350
211 CNTR DIS ANIMALS	699	255.2	6,858,425	31,108,334	*	1,590,603
212 CNTR INTER PARASITE	32	7.6	256,097	881,095	*	7,388
213 CNTR INTER PARASITE	76	25.4	576,810	2,771,700	*	40,962
214 PROT ANMLS FROM TOX	120	23.6	570,480	3,326,368	*	82,732
214 PROTECT FROM POLLUT	231	50.6	765,723	6,601,158	*	825,150
SUBTOTAL	4309	1330.2	25,422,151	139,339,575	*	6,589,420
SERIES 300						
301 GENET BREED FORST T	89	29.5	975,801	3,471,238	*	76,661
302 IMP FOREST ENG SYS	19	9.0	153,705	795,609	*	24,352
303 ECON TIMBER PRODUCT	33	11.8	223,887	1,506,801	*	166,738
304 IMP BIO EFF FRT & V	993	338.2	4,362,030	34,365,256	*	433,713
305 MECH PROD FRT & VEG	141	38.0	697,472	3,848,115	*	136,074
306 PROD MGMT SYS F & V	90	21.4	245,847	1,848,917	*	39,531
307 IMP BIO EFF FLD CRO	1534	619.1	9,426,809	67,337,533	*	2,411,620
308 MECH PROD FIELD CRO	105	29.7	551,061	3,418,999	*	117,713
309 PROD MGMT SYS FLD C	242	64.7	1,102,614	6,719,541	*	150,217
310 ANIMAL REPRODUCTION	468	166.1	4,205,018	24,706,928	*	235,069
311 IMP BIO EFF ANML PR	1229	439.8	11,259,588	78,989,795	*	1,049,313
312 ENV STRESS IN ANML	176	50.3	1,182,166	6,560,669	*	130,616
313 PROD MGMT SYS ANML	271	65.7	1,505,252	10,021,660	*	129,346
314 BEES OTH POLLNTNG I	45	17.1	233,906	1,463,964	*	59,643
315 IMP STRUC FARM SUPP	111	36.6	498,717	4,146,977	*	586,727
316 FARM BUSINESS MGMT	156	52.0	969,292	3,475,107	*	168,770
317 MECH/STRUCTS ANMI P	65	14.9	339,056	1,787,536	*	116,293
318 NON-COM BIO TECH/BI	1056	436.9	3,969,989	43,200,194	*	674,245
SUBTOTAL	6823	2440.6	41,902,210	297,664,838	*	6,706,641
SERIES 400						
401 NEW IMP FOREST PROD	113	68.0	1,043,225	5,656,973	*	265,293
402 PROD F & V IMP ACCE	263	56.6	785,082	5,766,959	*	30,224
403 NEW & IMP F&V PRCD	192	64.5	1,048,316	5,644,681	*	76,345
404 MKT QUAL FRTS & VEG	191	55.6	1,247,119	5,579,440	*	131,926
405 PROD FLD CROP IMF A	244	67.1	1,333,192	6,927,118	*	144,876
406 NEW IMP FOOD FLD CR	141	35.3	732,352	4,251,454	*	475,850
407 NEW IMP NON-FOOD FC	49	12.9	232,740	1,284,695	*	15,388
408 MKT QUAL FIELD CROP	89	18.4	340,707	1,959,683	*	168,654
409 PROD ANML PR IMP AC	145	38.5	1,491,613	5,228,943	*	82,840
410 IMP HEAT MILK EGG P	269	83.1	1,851,452	8,677,670	*	73,787
411 IMP NON-FOOD ANML P	21	2.5	21,439	364,237	*	0
412 MKT QUAL ANIMAL FRC	118	28.8	707,594	2,838,228	*	41,808
SUBTOTAL	1835	531.4	10,834,831	54,180,081	*	1,506,991
SERIES 500						
501 IMP GRADES & STANDS	64	18.7	361,542	1,831,088	*	85,153
502 MKTG TIMBER PRODUCT	22	4.8	127,399	339,420	*	34,869
503 MKTG EFF AGRI PRCD	218	56.3	1,359,125	4,391,314	*	574,631
506 SPILY DEMAND AND FRI	158	44.5	1,301,476	3,951,258	*	290,381
507 COMP REL IN AGRIC	63	10.6	276,046	956,482	*	79,529
508 DOMESTIC MKT DEVELOP	43	11.1	243,961	788,454	*	7,552
509 PERFORMANCE MKTG SY	148	46.1	1,141,782	3,480,920	*	415,079
510 GROUP ACT MKT POWER	33	5.0	112,678	468,402	*	69,752
511 IMP AGRIC STATISTIC	34	8.3	51,805	1,181,433	*	500,789
512 IMP GRADES FRST PRO	13	3.0	50,705	282,623	*	67,309
513 PRICE ANAL FRST PRO	15	3.4	86,772	283,434	*	56,933
SUBTOTAL	811	211.8	5,113,290	17,954,827	*	2,181,977
SERIES 600						
601 FGN MKT DEVELOP	51	15.0	365,889	1,261,022	*	86,461
602 EVAL FGN FOOD AID P	5	0.4	3,896	30,980	*	0
603 TECH AID DEV CRTY	52	23.8	8,935	1,205,670	*	303,778
604 PRD DVLPMT/MKTG FRG	8	0.5	11,723	55,865	*	124
SUBTOTAL	116	39.8	390,442	2,553,537	*	390,362
SERIES 700						
701 TOX RES IN FOOD	187	57.5	1,064,342	7,367,598	*	1,801,886
702 FOOD PROT FROM TCX	204	57.8	1,267,679	6,510,697	*	53,987
703 FOOD CONSUMP HABITS	133	29.4	529,164	2,301,654	*	73,885
704 HOME COMM FOOD SERV	44	12.0	243,405	1,008,785	*	13,855
705 SEL CARE CLOTH & TE	59	13.1	279,989	1,031,509	*	0
706 CONTR INSECTS AFF M	124	42.0	536,166	3,559,748	*	95,453
707 TRANS ANML MAN DI	26	8.3	47,560	1,045,801	*	13,554
708 HUMAN NUTRITION	320	102.8	1,837,387	11,094,131	*	302,695
709 REDUCE HAZ HLTH & S	59	15.5	228,394	1,263,241	*	32,164
SUBTOTAL	1156	338.6	6,034,087	35,183,166	*	2,387,478

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 800						
801 RURAL HOUSING	47	15.2	233,125	1,058,761	*	380
802 INDIV & FAM DEC MAK	163	40.5	739,703	3,792,134	*	21,427
803 RURAL POVERTY	30	4.8	138,182	361,637	*	12,623
804 ECON POTENT RURL PE	83	23.0	570,905	1,731,211	*	25,786
805 COMMUNICAT RURAL PE	116	30.1	261,988	2,465,783	*	16,417
806 ADJUSTMENT TO CHANG	150	43.3	884,986	2,780,566	*	63,418
807 AGRIC ECONOMIC CHAN	123	34.2	602,030	2,734,467	*	174,139
808 GOV'T PROGRAMS	36	6.2	107,768	509,024	*	34,818
SUBTOTAL	748	197.3	3,538,687	15,433,583	*	349,008
SERIES 900						
901 ALLEV POLLUTION	596	188.3	3,158,497	21,622,845	*	563,780
902 OUTDOOR RECREATION	127	37.5	771,571	2,967,022	*	155,928
903 MULTI-USE-FOREST PO	63	14.3	276,049	1,185,160	*	98,378
904 WLDLFE AND FISH ECO	469	134.8	1,548,644	15,465,088	*	433,148
905 TREES BEAUTIFICATIO	98	24.5	383,573	2,416,496	*	65,386
906 ORNAMENT & TURF DEV	581	205.6	2,733,810	18,580,394	*	214,976
907 RURAL INCOME IMP	156	37.6	959,334	2,541,211	*	235,690
908 RURAL INSTITUT IMP	253	73.1	1,586,372	5,884,692	*	280,206
990 UNCLASSIFIED	59	102.5	2,237,752	17,904,319	*	1,004,095
SUBTOTAL	2402	818.4	13,655,602	88,567,227	*	3,051,587
SCIENCE IN SERV OF MAN GRAND TOTAL	20448	6567.5	116,988,045	718,060,493	*	26,751,864

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	12	5.5	91,247	499,391	*	1,815
0200 WATER	6	1.5	30,515	165,745	*	1,915
0500 RECREATION RESOURCES	2	0.9	0	140,487	*	0
0600 TIMBER FORST PRODUCT	24	12.2	372,867	1,016,903	*	49,390
0800 WILDLIFE AND FISH	24	13.6	156,543	1,453,046	*	25,625
1000 FRUIT NUTS DECIDUCUS	12	5.7	104,532	518,123	*	0
1100 POTATOES	4	0.7	5,533	73,671	*	0
1200 VEGETABLES	15	6.9	151,930	532,934	*	8,751
1300 ORNAMENTALS TURF	7	5.2	69,280	383,685	*	3,461
1400 CORN	13	3.7	64,982	281,605	*	0
1500 GRAIN SORGHUM	6	0.7	6,500	55,141	*	0
1700 WHEAT	5	0.9	6,741	75,789	*	0
1800 OTHER SMALL GRAINS	6	1.0	19,136	86,645	*	0
1900 PASTURE	2	0.8	13,892	73,482	*	0
2000 FORAGE CROPS	15	7.7	189,691	809,600	*	0
2100 COTTON	16	6.6	122,218	546,240	*	3,413
2300 SOYBEANS	19	9.8	166,011	721,615	*	0
2400 PEANUTS	10	4.1	76,732	321,510	*	3,075
2800 MISC NEW CROPS	1	0.1	0	12,162	*	0
2900 POULTRY	17	8.3	247,647	944,156	*	31,441
3000 BEEF CATTLE	35	15.6	321,035	1,956,927	*	112,721
3100 DAIRY CATTLE	22	8.4	177,188	924,166	*	91,681
3200 SWINE	10	6.1	165,685	857,676	*	0
3700 CLOTHING & TEXTILES	2	0.7	30,926	51,174	*	0
3800 FOOD	6	1.4	35,717	117,581	*	2,224
3900 HOUSING & EQUIP	4	1.7	21,312	185,289	*	23,520
4000 PEOPLE AS INDIVIDUAL	3	1.3	55,149	86,937	*	0
4100 FAMILY MEMBERS	1	0.2	3,070	10,337	*	0
4200 FARM AS BUSINESS	5	0.6	22,926	71,742	*	5,880
4300 SOC POLIT ORGANIZ	6	1.5	42,206	110,255	*	0
4400 AGRIC ECONOMY U S	1	0.1	3,465	10,915	*	0
4700 OTH MARKET PROCESS	1	0.0	2,305	4,228	*	0
4800 MARKETING SYSTEMS	4	1.0	78,700	116,546	*	0
6100 WEEDS	1	0.5	6,813	54,993	*	0
6300 BIO CELL SYSTEMS	1	0.1	0	6,552	*	0
6500 INVERTEBRATES	2	0.9	7,975	64,496	*	0
6600 MICROORGANISMS, VIRUS	3	1.2	7,979	36,060	*	0
6700 PLANTS	6	2.8	43,682	248,377	*	6,003
6800 ANIMALS (VERTEBRATES)	5	0.6	14,860	58,793	*	452
7000 RSCH EQUIP & TECHNOL	2	0.9	0	41,359	*	2,518
TOTAL	336	141.5	2,936,987	13,726,330	*	373,885

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	7	0.5	20,104	60,237	*	0
0200 WATER	1	0.0	1,541	1,541	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	4,124	4,124	*	0
0400 AIR AND CLIMATE	1	1.1	58,687	202,235	*	0
0500 RECREATION RESOURCES	1	0.9	28,020	46,655	*	0
0600 TIMBER FORST PRODUCT	4	0.7	117,357	275,216	*	0
0700 RANGE	2	0.0	5,006	16,569	*	0
0800 WILDLIFE AND FISH	3	0.2	9,224	10,602	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.5	24,661	103,759	*	0
1100 POTATOES	1	0.1	0	2,344	*	0
1200 VEGETABLES	2	0.3	15,591	78,788	*	0
1300 ORNAMENTALS TURF	2	0.2	37,013	127,463	*	0
1700 WHEAT	3	0.4	16,715	47,755	*	0
1800 OTHER SMALL GRAINS	5	2.1	61,859	236,389	*	0
1900 PASTURE	2	0.1	20,262	82,204	*	0
2000 FORAGE CROPS	3	0.7	78,393	352,586	*	0
2500 OTHER OILSEED CROPS	1	0.1	3,954	9,250	*	0
3100 DAIRY CATTLE	4	0.9	170,721	497,900	*	0
3200 SWINE	1	0.2	39,698	93,220	*	0
3400 OTHER ANIMALS	1	0.2	0	13,558	*	13,558
3600 FARM SUPP & FACILITS	1	0.2	43,295	154,203	*	0
4200 FARM AS BUSINESS	1	0.1	3,954	9,250	*	0
4300 SOC POLIT ORGANIZ	1	0.0	4,404	4,404	*	0
4400 AGRIC ECONOMY U S	1	0.0	2,936	2,936	*	0
6700 PLANTS	2	0.4	4,086	59,879	*	1,876
6800 ANIMALS (VERTEBRATES)	2	0.4	4,086	59,879	*	1,876
TOTAL	54	10.4	775,689	2,552,944	*	17,310

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	23	4.3	72,702	579,335	*	15,138
0200 WATER	14	2.4	49,881	322,006	*	18,151
0300 WATERSHEDS RIVER BAS	9	0.5	14,988	63,414	*	5,954
0400 AIR AND CLIMATE	5	0.2	6,997	37,236	*	0
0500 RECREATION RESOURCES	1	0.1	1,722	4,539	*	0
0600 TIMBER FORST PRODUCT	28	7.9	281,274	947,643	*	93,859
0700 RANGE	3	0.7	24,529	46,628	*	0
0800 WILDLIFE AND FISH	5	0.9	14,419	58,539	*	697
1000 FRUIT NUTS DECIDUCUS	25	4.5	141,066	815,180	*	158
1100 POTATOES	1	0.0	1,205	7,112	*	0
1200 VEGETABLES	26	6.5	206,465	842,577	*	158
1300 ORNAMENTALS TURF	9	2.2	50,829	199,553	*	188
1400 CORN	8	0.8	17,585	114,486	*	1,867
1500 GRAIN SORGHUM	9	1.0	15,107	118,783	*	976
1600 RICE	17	5.3	67,690	808,516	*	6,875
1700 WHEAT	11	1.6	39,106	243,399	*	308
1800 OTHER SMALL GRAINS	5	0.4	14,318	100,768	*	151
1900 PASTURE	5	0.6	13,862	168,902	*	952
2000 FORAGE CROPS	14	2.0	26,054	207,286	*	1,386
2100 COTTON	32	10.3	180,208	1,394,793	*	2,601
2300 SOYBEANS	43	12.9	210,739	1,949,588	*	3,738
2400 PEANUTS	1	0.1	0	19,994	*	158
2800 MISC NEW CROPS	2	0.3	8,632	30,571	*	0
2900 POULTRY	36	10.8	275,448	1,085,276	*	0
3000 BEEF CATTLE	34	6.7	204,210	1,383,379	*	22,758
3100 DAIRY CATTLE	22	4.5	190,812	920,971	*	10,138
3200 SWINE	15	1.8	45,061	295,813	*	0
3300 SHEEP AND WOOL	8	1.0	25,211	104,510	*	0
3400 OTHER ANIMALS	14	1.1	32,579	127,782	*	0
3700 CLOTHING & TEXTILES	2	0.5	12,975	41,025	*	0
3800 FOOD	6	1.4	45,474	121,538	*	0
3900 HOUSING & EQUIP	5	1.6	3,531	323,297	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.4	32,974	266,977	*	7,763
4100 FAMILY MEMBERS	4	1.7	3,572	120,738	*	0
4200 FARM AS BUSINESS	3	1.5	19,396	55,153	*	952
4300 SOC POLIT ORGANIZ	6	1.7	58,649	135,540	*	5,813
4600 FARM COOPERATIVES	2	0.3	4,427	15,334	*	0
4700 OTH MARKET PROCESS	1	0.1	3,031	5,336	*	0
4800 MARKETING SYSTEMS	1	0.1	4,042	7,115	*	0
6500 INVERTEBRATES	4	0.9	17,827	119,437	*	5,720
6600 MICROORGANISMS, VIRUS	5	0.8	15,476	64,935	*	0
6700 PLANTS	7	0.8	12,325	322,804	*	252,425
6800 ANIMALS (VERTEBRATES)	5	1.2	24,964	122,918	*	18,425
7000 RSCH EQUIP & TECHNOL	1	0.0	0	6,026	*	0
9900 UNCLASSIFIED	1	0.0	0	177,692	*	0
TOTAL	488	106.2	2,491,359	14,904,443	*	477,307

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	24	8.2	84,555	616,736	*	127,531
0200 WATER	20	5.9	61,701	487,248	*	46,679
0300 WATERSHEDS RIVER BAS	1	1.7	4,606	390,053	*	157,009
0400 AIR AND CLIMATE	3	0.9	9,922	51,473	*	0
0500 RECREATION RESOURCES	6	2.3	26,255	177,223	*	52,301
0600 TIMBER FORST PRODUCT	13	4.0	34,125	296,478	*	68,411
0700 RANGE	14	4.3	37,728	309,682	*	28,871
0800 WILDLIFE AND FISH	6	1.1	12,484	76,640	*	9,386
0900 CITRUS SUB TROP PROT	11	5.4	46,752	619,132	*	65,217
1000 FRUIT NUTS DECIDUCUS	7	1.2	17,264	109,846	*	4,438
1100 POTATOES	3	0.7	1,826	71,643	*	4,438
1200 VEGETABLES	30	10.5	103,612	1,011,819	*	12,267
1300 ORNAMENTALS TURF	11	2.6	11,819	265,396	*	4,702
1400 CORN	1	0.0	2,102	2,323	*	0
1500 GRAIN SORGHUM	4	1.3	18,629	111,254	*	0
1700 WHEAT	10	1.6	18,958	147,194	*	4,236
1800 OTHER SMALL GRAINS	10	1.3	20,588	203,550	*	32,946
2000 FORAGE CROPS	15	2.7	48,441	381,930	*	68,664
2100 COTTON	29	13.0	131,304	1,370,016	*	72,005
2200 COTTONSEED	2	1.0	16,211	125,727	*	3,490
2300 SOYBEANS	3	0.4	4,747	41,812	*	0
2500 OTHER OILSEED CROPS	3	0.5	9,710	58,343	*	0
2600 TOBACCO	1	0.0	731	731	*	0
2700 SUGAR CROPS	6	1.1	2,774	85,216	*	4,438
2800 MISC NEW CROPS	5	1.8	26,996	413,681	*	11,086
2900 POULTRY	6	1.4	33,444	232,423	*	2,433
3000 BEEF CATTLE	22	9.4	121,738	1,041,952	*	39,191
3100 DAIRY CATTLE	13	6.7	77,203	662,008	*	14,600
3200 SWINE	5	0.9	11,682	91,182	*	7,300
3300 SHEEP AND WOOL	2	0.3	5,589	32,900	*	0
3400 OTHER ANIMALS	5	3.0	52,020	242,580	*	0
3700 CLOTHING & TEXTILES	2	0.5	4,531	38,655	*	0
3800 FOOD	4	1.5	6,705	166,503	*	0
3900 HOUSING & EQUIP	2	0.2	802	25,389	*	0
4000 PEOPLE AS INDIVIDUAL	12	3.8	22,155	394,252	*	317
4100 FAMILY MEMBERS	7	3.9	19,602	195,752	*	0
4200 FARM AS BUSINESS	3	1.8	3,297	93,414	*	0
4300 SOC POLIT ORGANIZ	3	0.5	10,951	45,021	*	0
4400 AGRIC ECONOMY U S	1	0.1	1,099	3,310	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	3,010	6,473	*	0
4600 FARM COOPERATIVES	2	0.4	4,343	26,089	*	0
4700 OTH MARKET PROCESS	3	0.7	11,043	46,626	*	0
4800 MARKETING SYSTEMS	1	0.6	10,155	31,485	*	0
6200 SEED RESEARCH	1	0.0	813	1,946	*	0
6300 BIO CELL SYSTEMS	1	0.9	22,413	92,365	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	74,943	*	0
6500 INVERTEBRATES	5	1.9	5,693	180,671	*	0
6700 PLANTS	8	1.7	23,015	175,185	*	39,598
6800 ANIMALS (VERTEBRATES)	6	4.6	50,913	423,091	*	47,044
6900 RESEARCH ON RSCH MGM	1	0.0	0	19,133	*	0
7000 RSCH EQUIP & TECHNOL	3	1.0	4,491	80,398	*	0
TOTAL	358	120.3	1,260,546	11,848,889	*	928,596

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - CALIFORNIA

BERKELEY

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPE/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	88	33.0	182,999	3,812,811	*	214,947
0200 WATER	61	15.8	88,110	1,892,832	*	142,257
0300 WATERSHEDS RIVER BAS	5	0.6	10,541	125,835	*	37,822
0400 AIR AND CLIMATE	14	5.7	32,055	671,159	*	15,751
0500 RECREATION RESOURCES	11	2.6	38,095	243,942	*	5,879
0600 TIMBER FORST PRODUCT	85	32.5	354,226	3,390,742	*	310,666
0700 RANGE	29	8.7	58,218	859,777	*	17,835
0800 WILDLIFE AND FISH	49	17.2	80,803	2,244,767	*	43,876
0900 CITRUS SUB TROP FRUT	76	32.2	196,516	4,126,792	*	24,817
1000 FRUIT NUTS DECIDUCUS	116	38.6	271,840	5,146,879	*	102,730
1100 POTATOES	15	4.2	27,640	418,693	*	2,181
1200 VEGETABLES	114	34.2	186,479	4,201,360	*	71,216
1300 ORNAMENTALS TURF	45	13.2	31,597	1,507,081	*	29,078
1400 CORN	11	2.9	27,570	397,106	*	21,338
1500 GRAIN SORGHUM	6	0.8	7,657	142,908	*	836
1600 RICE	14	4.6	23,973	602,182	*	46,073
1700 WHEAT	22	4.8	45,118	601,767	*	59,624
1800 OTHER SMALL GRAINS	20	3.3	30,659	451,904	*	9,356
1900 PASTURE	5	0.8	3,600	109,531	*	2,297
2000 FORAGE CROPS	42	13.3	103,700	1,541,308	*	14,763
2100 COTTON	39	11.9	66,281	1,301,833	*	17,000
2200 COTTONSEED	1	0.0	0	728	*	0
2300 SOYBEANS	10	2.4	19,604	383,849	*	16,543
2400 PEANUTS	1	0.1	0	9,540	*	0
2500 OTHER OILSEED CROPS	14	6.1	22,610	1,077,848	*	37,060
2700 SUGAR CROPS	10	2.2	6,266	300,934	*	5,834
2800 MISC NEW CROPS	3	0.1	0	21,695	*	836
2900 POULTRY	41	11.5	106,769	1,303,612	*	20
3000 BEEF CATTLE	62	12.7	214,370	1,985,542	*	102,249
3100 DAIRY CATTLE	46	8.0	174,900	1,070,733	*	98,300
3200 SWINE	4	0.9	10,712	86,481	*	0
3300 SHEEP AND WOOL	23	5.0	53,566	425,915	*	1,149
3400 OTHER ANIMALS	27	9.0	65,628	1,216,787	*	0
3500 BEES AND HONEY	13	5.1	27,915	492,857	*	10,930
3600 FARM SUPP & FACILITS	4	0.8	5,075	81,720	*	946
3700 CLOTHING & TEXTILES	10	2.3	22,512	176,725	*	0
3800 FOOD	51	16.3	129,190	1,631,934	*	94,710
3900 HOUSING & EQUIP	11	2.2	9,253	343,347	*	14,480
4000 PEOPLE AS INDIVIDUAL	76	25.3	186,602	2,568,260	*	92,879
4100 FAMILY MEMBERS	6	1.0	18,817	77,247	*	4,574
4200 FARM AS BUSINESS	7	1.2	12,594	85,313	*	0
4300 SOC POLIT ORGANIZ	18	3.8	22,555	366,945	*	1,143
4400 AGRIC ECONOMY U S	9	1.0	15,912	124,592	*	12,538
4500 AGRIC ECONOMY FORGN	6	3.3	25,878	165,358	*	3,994
4600 FARM COOPERATIVES	2	0.3	2,003	16,788	*	3,071
4700 OTH MARKET PROCESS	2	0.1	2,853	4,007	*	0
4800 MARKETING SYSTEMS	7	1.0	6,179	65,376	*	14,628
6100 WEEDS	6	2.3	37,468	272,902	*	42,863
6200 SEED RESEARCH	2	0.3	0	57,867	*	0
6300 BIO CELL SYSTEMS	33	16.0	33,561	1,593,495	*	0
6400 EXP DESIGN/STAT METH	9	3.7	2,297	379,973	*	62,988
6500 INVERTEBRATES	83	39.3	143,167	4,010,041	*	56,156
6600 MICROORGANISMS,VIRUS	40	15.8	100,698	1,504,506	*	12,427
6700 PLANTS	128	46.4	261,774	5,091,614	*	387,772
6800 ANIMALS (VERTEBRATES)	48	16.5	58,133	1,846,433	*	78,279
6900 RESEARCH ON RSCH MGM	4	0.9	15,186	73,782	*	0
7000 RSCH EQUIP & TECHNOL	11	4.3	7,845	762,639	*	5,301
9900 UNCLASSIFIED	2	1.0	17,355	100,518	*	0
TOTAL	1697	549.1	3,706,922	63,569,110	*	2,351,991

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	31	12.5	260,906	1,490,835	*	174,574
0200 WATER	38	14.3	89,721	1,920,415	*	226,952
0300 WATERSHEDS RIVER BAS	6	3.7	7,273	545,046	*	120,469
0400 AIR AND CLIMATE	6	2.5	0	551,836	*	0
0500 RECREATION RESOURCES	1	0.2	0	27,573	*	4,708
0600 TIMBER FORST PRODUCT	12	4.5	42,860	670,254	*	190,259
0700 RANGE	9	6.7	78,237	725,261	*	4,950
0800 WILDLIFE AND FISH	3	0.3	0	109,258	*	0
1000 FRUIT NUTS DECIDUCUS	10	4.8	42,701	495,171	*	0
1100 POTATOES	13	6.4	74,131	465,210	*	168
1200 VEGETABLES	10	4.3	69,347	303,032	*	12,292
1300 ORNAMENTALS TURF	5	2.5	4,450	229,759	*	0
1400 CORN	8	2.1	19,322	149,213	*	11,655
1500 GRAIN SORGHUM	3	0.7	11,552	44,577	*	5,032
1700 WHEAT	12	3.9	10,555	536,242	*	1,592
1800 OTHER SMALL GRAINS	9	2.4	25,742	253,889	*	23,466
2000 FORAGE CROPS	13	5.3	44,741	772,522	*	187,335
2200 COTTONSEED	1	0.1	544	6,767	*	0
2300 SOYBEANS	3	0.6	6,335	275,834	*	192,243
2400 PEANUTS	1	0.1	544	6,767	*	0
2500 OTHER OILSEED CROPS	2	0.1	544	14,694	*	7,927
2700 SUGAR CROPS	6	1.4	26,720	85,436	*	1,592
2800 MISC NEW CROPS	3	1.4	11,525	195,220	*	0
2900 POULTRY	3	2.6	108,022	296,480	*	0
3000 BEEF CATTLE	22	10.8	407,522	1,262,194	*	23,197
3100 DAIRY CATTLE	8	0.8	36,907	89,086	*	2,896
3200 SWINE	5	0.2	12,440	174,647	*	24,656
3300 SHEEP AND WOOL	9	1.2	38,893	164,719	*	0
3400 OTHER ANIMALS	4	0.3	6,514	29,307	*	0
3600 FARM SUPP & FACILITS	1	0.0	1,929	10,307	*	4,275
3700 CLOTHING & TEXTILES	1	0.2	10,565	12,349	*	0
3800 FOOD	7	1.4	18,665	128,560	*	1,523
3900 HOUSING & EQUIP	2	1.1	3,023	164,763	*	117,490
4000 PEOPLE AS INDIVIDUAL	5	0.8	29,158	96,038	*	13,838
4100 FAMILY MEMBERS	3	0.4	19,898	23,862	*	0
4200 FARM AS BUSINESS	3	0.4	9,354	35,057	*	7,481
4300 SOC POLIT ORGANIZ	12	6.6	81,892	948,286	*	18,887
4400 AGRIC ECONOMY U S	2	1.0	7,194	292,251	*	7,794
6100 WEEDS	1	0.0	1	1	*	0
6200 SEED RESEARCH	1	1.0	0	53,418	*	0
6400 EXP DESIGN/STAT METH	1	0.0	0	2,769	*	0
6500 INVERTEBRATES	2	0.2	0	17,402	*	9,963
6600 MICROORGANISMS,VIRUS	1	0.1	0	7,198	*	0
6700 PLANTS	9	2.6	15,364	148,533	*	16,677
6800 ANIMALS(VERTEBRATES)	6	13.4	22,306	2,048,853	*	24,185
6900 RESEARCH ON RSCH MGM	3	0.9	540	141,328	*	0
7000 RSCH EQUIP & TECHNOL	5	1.2	8,158	175,302	*	5,595
9900 UNCLASSIFIED	1	2.9	0	71,325	*	0
TOTAL	322	130.4	1,666,095	16,268,897	*	1,443,669

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	3	0.5	922	29,304	*	0
0200 WATER	4	2.8	44,063	175,696	*	0
0300 WATERSHEDS RIVER BAS	1	1.0	58,820	63,388	*	0
0400 AIR AND CLIMATE	1	0.5	1,094	30,369	*	0
0600 TIMBER FORST PRODUCT	11	8.8	134,694	449,657	*	0
1000 FRUIT NUTS DECIDUCUS	6	2.2	21,670	99,818	*	0
1100 POTATOES	3	1.3	51,525	63,378	*	0
1200 VEGETABLES	5	2.0	21,708	105,710	*	0
1300 ORNAMENTALS TURF	8	3.0	5,544	139,947	*	0
1400 CORN	4	0.6	15,223	34,126	*	0
2000 FORAGE CROPS	1	0.0	0	910	*	0
2300 SOYBEANS	7	3.2	92,598	188,093	*	0
2600 TOBACCO	10	4.7	85,338	257,072	*	0
2800 MISC NEW CROPS	1	0.2	180	11,146	*	0
3400 OTHER ANIMALS	2	0.9	4,064	44,238	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	12,236	*	0
3800 FOOD	2	1.6	41,809	98,158	*	0
4000 PEOPLE AS INDIVIDUAL	3	2.1	20,781	96,946	*	0
6300 BIO CELL SYSTEMS	3	1.5	15,866	87,141	*	0
6700 PLANTS	2	2.1	20,043	111,922	*	0
9900 UNCLASSIFIED	2	0.0	30,417	30,417	*	0
TOTAL	80	39.1	666,359	2,129,673	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	4	0.8	23,841	27,967	*	0
0200 WATER	1	0.0	926	1,748	*	634
0400 AIR AND CLIMATE	2	0.1	4,505	8,452	*	3,043
0500 RECREATION RESOURCES	3	0.4	9,657	10,591	*	0
0600 TIMBER FORST PRODUCT	4	0.8	9,830	23,433	*	2,663
0800 WILDLIFE AND FISH	1	0.2	6,184	6,184	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.3	14,395	14,395	*	0
1100 POTATOES	5	0.3	19,222	25,793	*	4,484
1200 VEGETABLES	5	0.8	49,545	53,888	*	0
1300 ORNAMENTALS TURF	3	1.2	17,706	26,479	*	0
1400 CORN	5	1.3	15,190	20,202	*	0
2000 FORAGE CROPS	5	0.9	37,198	44,784	*	0
2600 TOBACCO	1	0.1	1,210	1,210	*	0
2900 POULTRY	13	4.9	138,145	394,747	*	40,526
3000 BEEF CATTLE	4	1.3	8,376	14,649	*	0
3100 DAIRY CATTLE	10	2.5	49,009	70,576	*	17,934
3200 SWINE	1	0.1	1,210	1,210	*	0
3300 SHEEP AND WOOL	3	0.6	9,757	10,185	*	0
3400 OTHER ANIMALS	9	2.6	81,226	147,785	*	0
3500 BEES AND HONEY	1	0.3	14,395	14,395	*	0
3600 FARM SUPP & FACILITS	1	0.1	3,489	9,828	*	0
3800 FOOD	2	0.5	18,020	45,491	*	0
3900 HOUSING & EQUIP	3	0.4	10,601	10,601	*	0
4000 PEOPLE AS INDIVIDUAL	7	2.0	44,760	114,718	*	0
4100 FAMILY MEMBERS	1	0.0	6,432	6,432	*	0
4300 SOC POLIT ORGANIZ	4	2.3	45,623	46,404	*	0
4400 AGRIC ECONOMY U S	1	0.1	1,210	1,210	*	0
6700 PLANTS	2	0.1	3,623	9,708	*	5,970
6800 ANIMALS(VERTEBRATES)	1	0.5	0	78,004	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	6,940	6,940	*	0
9900 UNCLASSIFIED	1	5.4	0	42,735	*	0
TOTAL	105	31.1	652,225	1,290,743	*	75,254

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	3	1.2	79,326	104,165	*	0
0200 WATER	5	0.9	35,002	61,878	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	0	39,771	*	0
0500 RECREATION RESOURCES	1	0.0	6,287	9,304	*	0
0600 TIMBER FORST PRODUCT	2	0.9	30,610	74,156	*	0
0800 WILDLIFE AND FISH	3	0.7	17,335	44,953	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	5,812	5,812	*	0
1100 POTATOES	2	0.1	5,886	6,022	*	0
1200 VEGETABLES	9	2.9	111,778	182,328	*	0
1300 ORNAMENTALS TURF	3	0.3	13,218	48,158	*	0
1400 CORN	11	2.2	82,991	174,579	*	0
1500 GRAIN SORGHUM	1	0.1	2,987	4,854	*	0
1700 WHEAT	2	0.1	3,061	5,064	*	0
2300 SOYBEANS	7	1.1	51,633	100,701	*	0
2900 POULTRY	14	5.4	179,648	649,471	*	0
3000 BEEF CATTLE	2	0.0	74	50,746	*	0
3100 DAIRY CATTLE	5	1.4	101,777	270,900	*	0
3200 SWINE	3	0.3	6,425	17,681	*	0
3400 OTHER ANIMALS	2	0.3	16,654	18,501	*	0
3500 BEES AND HONEY	1	0.2	20,534	25,213	*	0
3600 FARM SUPP & FACILITS	2	0.4	15,650	73,866	*	0
3700 CLOTHING & TEXTILES	1	0.0	159	159	*	0
3800 FOOD	1	0.2	11,869	21,850	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.3	23,564	76,506	*	0
4100 FAMILY MEMBERS	1	0.0	3,232	3,383	*	0
4300 SOC POLIT ORGANIZ	1	0.9	17,842	27,618	*	0
4400 AGRIC ECONOMY U S	3	0.2	4,572	19,912	*	0
6500 INVERTEBRATES	1	0.1	0	2,766	*	0
6700 PLANTS	3	0.6	19,728	57,183	*	9,457
6800 ANIMALS(VERTEBRATES)	1	0.1	2,076	2,567	*	0
9900 UNCLASSIFIED	1	0.1	0	121,389	*	2,500
TOTAL	99	22.2	869,729	2,301,453	*	11,957

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.0	17,500	17,500	*	0
0500 RECREATION RESOURCES	1	0.0	32,159	32,159	*	0
1200 VEGETABLES	1	0.0	17,500	17,500	*	0
4600 FARM COOPERATIVES	1	0.0	10,000	10,000	*	0
TOTAL	4	0.0	77,159	77,159	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FLORIDA GAINESVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	54	21.3	93,770	1,865,603	*	25,571
0200 WATER	41	13.8	54,216	1,164,909	*	4,725
0300 WATERSHEDS RIVER BAS	5	1.6	5,501	140,089	*	0
0400 AIR AND CLIMATE	2	0.2	943	50,876	*	0
0500 RECREATION RESOURCES	2	0.1	0	13,056	*	0
0600 TIMBER FORST PRODUCT	31	16.2	261,637	1,581,528	*	173,498
0700 RANGE	4	0.9	8,543	125,526	*	3,438
0800 WILDLIFE AND FISH	18	8.7	41,478	806,492	*	45,303
0900 CITRUS SUB TROP FRUIT	86	57.0	167,076	4,673,817	*	156,767
1000 FRUIT NUTS DECIDUOUS	53	16.0	61,084	1,373,956	*	21,164
1100 POTATOES	8	2.1	2,340	167,289	*	0
1200 VEGETABLES	114	51.2	114,125	4,139,841	*	39,648
1300 ORNAMENTALS TURF	57	28.2	103,652	2,343,173	*	4,575
1400 CORN	33	7.1	46,320	521,260	*	5,291
1500 GRAIN SORGHUM	18	2.1	627	186,689	*	2,874
1700 WHEAT	10	0.7	291	58,507	*	1,162
1800 OTHER SMALL GRAINS	10	1.2	157	89,505	*	607
1900 PASTURE	18	6.0	3,789	472,713	*	8,951
2000 FORAGE CROPS	56	21.3	75,120	1,420,772	*	40,564
2100 COTTON	1	0.1	199	9,129	*	0
2300 SOYBEANS	42	10.2	75,978	734,759	*	33,590
2400 PEANUTS	22	5.8	32,992	472,362	*	12,415
2500 OTHER OILSEED CROPS	1	0.0	56	2,122	*	821
2600 TOBACCO	10	2.9	4,431	200,356	*	0
2700 SUGAR CROPS	5	2.1	0	274,802	*	0
2800 MISC NEW CROPS	5	0.6	8,956	34,681	*	0
2900 POULTRY	24	6.5	81,537	658,682	*	0
3000 BEEF CATTLE	65	21.1	134,971	2,638,380	*	117,553
3100 DAIRY CATTLE	43	11.8	207,011	1,472,677	*	0
3200 SWINE	21	4.1	57,136	752,535	*	0
3300 SHEEP AND WOOL	4	0.9	13,354	133,002	*	5,000
3400 OTHER ANIMALS	19	5.9	63,979	578,984	*	0
3500 BEES AND HONEY	1	0.7	8,826	53,196	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	1,649	*	0
3800 FOOD	13	4.4	28,423	477,980	*	31,676
3900 HOUSING & EQUIP	6	2.4	8,959	151,132	*	19,338
4000 PEOPLE AS INDIVIDUAL	10	3.8	30,091	922,468	*	5,048
4100 FAMILY MEMBERS	6	1.1	13,819	106,168	*	6,170
4200 FARM AS BUSINESS	4	3.8	6,489	195,254	*	0
4300 SOC POLIT ORGANIZ	4	2.4	11,732	120,744	*	0
4400 AGRIC ECONOMY U S	4	3.1	12,980	171,295	*	7,150
4600 FARM COOPERATIVES	2	0.0	17	515	*	0
4700 OTH MARKET PROCESS	2	0.0	24	646	*	0
4800 MARKETING SYSTEMS	2	0.4	1,599	17,388	*	0
6100 WEEDS	7	1.1	2,235	91,686	*	0
6300 BIO CELL SYSTEMS	3	0.4	3,337	28,098	*	0
6400 EXP DESIGN/STAT METH	1	3.0	12,989	304,117	*	10,172
6500 INVERTEBRATES	9	4.8	51,036	473,406	*	0
6600 MICROORGANISMS, VIRUS	14	4.9	52,204	421,003	*	2,773
6700 PLANTS	27	11.8	43,453	1,007,567	*	167,959
6800 ANIMALS (VERTEBRATES)	10	1.5	12,186	287,005	*	4,329
7000 RSCH EQUIP & TECHNOL	4	0.3	676	41,720	*	0
9900 UNCLASSIFIED	1	9.4	40,570	284,035	*	0
TOTAL	1013	387.0	2,062,810	34,315,143	*	958,130

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	17	6.9	127,751	681,072	*	5,242
0200 WATER	6	1.1	11,649	105,985	*	3,056
0300 WATERSHEDS RIVER EAS	2	0.9	3,564	180,086	*	1,883
0400 AIR AND CLIMATE	1	0.3	1,324	26,449	*	454
0600 TIMBER FORST PRODUCT	29	14.5	347,692	1,410,201	*	221,020
0700 RANGE	2	0.2	0	7,605	*	0
0800 WILDLIFE AND FISH	9	5.1	98,989	490,787	*	0
1000 FRUIT NUTS DECIDUCUS	44	15.3	254,990	1,255,616	*	3,811
1100 POTATOES	2	0.1	1,685	6,722	*	0
1200 VEGETABLES	46	15.9	240,455	1,549,635	*	34,271
1300 ORNAMENTALS TURF	20	6.9	112,880	600,228	*	3,783
1400 CORN	26	5.5	122,492	619,386	*	1,183
1500 GRAIN SORGHUM	13	2.3	59,331	235,746	*	4,606
1700 WHEAT	14	2.8	63,498	207,591	*	1,447
1800 OTHER SMALL GRAINS	12	2.9	60,383	242,198	*	3,373
1900 PASTURE	5	0.6	6,804	124,023	*	7,369
2000 FORAGE CROPS	33	8.6	260,057	1,127,782	*	8,546
2100 COTTON	12	2.2	10,820	386,539	*	3,409
2200 COTTONSEED	2	0.6	4,650	34,913	*	0
2300 SOYBEANS	35	9.9	189,289	954,746	*	51,712
2400 PEANUTS	28	8.1	63,248	784,676	*	576
2500 OTHER OILSEED CROPS	1	0.1	982	8,602	*	0
2600 TOBACCO	7	2.4	0	288,290	*	24,829
2800 MISC NEW CROPS	3	0.0	10,640	21,391	*	1,427
2900 POULTRY	48	9.9	224,634	1,621,088	*	7,614
3000 BEEF CATTLE	34	10.2	219,339	2,406,057	*	4,429
3100 DAIRY CATTLE	29	8.7	162,660	1,692,828	*	0
3200 SWINE	21	5.8	98,916	892,719	*	2
3300 SHEEP AND WOOL	1	0.3	12,566	24,386	*	0
3400 OTHER ANIMALS	3	0.5	13,240	84,501	*	0
3500 BEES AND HONEY	1	0.1	0	7,950	*	7,714
3600 FARM SUPP & FACILITS	1	0.2	152	14,691	*	18
3800 FOOD	12	7.0	154,239	617,208	*	12,564
3900 HOUSING & EQUIP	9	1.9	24,867	145,752	*	4
4000 PEOPLE AS INDIVIDUAL	12	1.7	36,667	120,588	*	39
4100 FAMILY MEMBERS	4	0.4	528	15,892	*	0
4200 FARM AS BUSINESS	9	1.6	18,316	134,679	*	143
4300 SOC POLIT ORGANIZ	6	1.4	34,327	114,607	*	20
4400 AGRIC ECONOMY U S	3	0.4	5,334	63,395	*	457
4600 FARM COOPERATIVES	1	0.3	2,248	25,044	*	0
4700 OTH MARKET PROCESS	1	0.0	86	2,526	*	0
6100 WEEDS	1	0.0	0	70,875	*	6,413
6300 BIO CELL SYSTEMS	1	0.8	1,239	48,750	*	8,365
6400 EXP DESIGN/STAT METH	1	0.0	252	1,447	*	0
6500 INVERTEBRATES	1	0.1	0	54,197	*	12,383
6600 MICROORGANISMS,VIRUS	6	0.7	21,059	69,222	*	0
6700 PLANTS	24	5.7	138,186	762,326	*	32,156
6800 ANIMALS(VERTEBRATES)	2	0.0	1,000	3,604	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	0	11	*	0
7000 RSCH EQUIP & TECHNOL	3	0.1	2,928	19,722	*	0
TOTAL	604	171.0	3,225,956	20,364,334	*	474,316

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	1.1	68,536	120,015	*	0
0600 TIMBER FORST PRODUCT	1	0.5	18,320	18,320	*	0
0800 WILDLIFE AND FISH	1	0.9	29,075	51,057	*	0
0900 CITRUS SUB TROP FRUT	6	2.2	73,991	124,301	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.1	5,566	9,766	*	0
1200 VEGETABLES	6	4.5	153,572	235,691	*	0
1300 ORNAMENTALS TURF	2	0.7	14,265	25,394	*	0
2800 MISC NEW CROPS	3	0.3	12,303	21,625	*	0
3200 SWINE	1	0.9	47,138	83,131	*	0
4300 SOC POLIT ORGANIZ	1	0.3	3,195	5,588	*	0
6700 PLANTS	1	0.0	0	2,846	*	2,846
TOTAL	25	11.5	425,960	697,735	*	2,846

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	19	5.5	59,883	271,729	*	19,505
0200 WATER	7	1.8	51,582	156,804	*	13,000
0300 WATERSHEDS RIVER BAS	2	0.2	2,558	14,755	*	2,610
0400 AIR AND CLIMATE	1	0.2	3,570	13,771	*	0
0600 TIMBER FORST PRODUCT	11	1.4	41,444	177,211	*	48,156
0700 RANGE	4	1.5	11,986	81,590	*	1,669
0800 WILDLIFE AND FISH	7	1.7	4,502	159,836	*	0
0900 CITRUS SUB TROP FRUIT	52	17.0	175,290	1,265,496	*	12,941
1000 FRUIT NUTS DECIDUCUS	19	3.3	42,411	299,568	*	1,450
1100 POTATOES	3	0.4	802	22,514	*	0
1200 VEGETABLES	47	13.5	87,256	1,186,886	*	161,363
1300 ORNAMENTALS TURF	27	10.0	85,585	672,110	*	5,736
1400 CORN	10	3.6	44,623	270,754	*	0
1500 GRAIN SORGHUM	1	0.4	0	15,215	*	0
1600 RICE	2	0.0	0	11,118	*	0
1900 PASTURE	2	1.2	4,444	88,950	*	0
2000 FORAGE CROPS	11	2.3	17,501	119,448	*	0
2300 SOYBEANS	5	0.4	2,277	50,338	*	3,805
2400 PEANUTS	1	0.2	0	5,862	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	15,955	*	0
2700 SUGAR CROPS	13	2.6	27,960	146,297	*	2,480
2800 MISC NEW CROPS	5	1.4	4,399	154,823	*	0
2900 POULTRY	5	2.2	19,844	114,973	*	0
3000 BEEF CATTLE	12	4.3	72,137	389,731	*	797
3100 DAIRY CATTLE	10	2.0	31,192	208,799	*	2,480
3200 SWINE	5	0.5	2,682	51,243	*	2,480
3400 OTHER ANIMALS	3	0.4	0	45,027	*	3,045
3600 FARM SUPP & FACILITS	2	0.5	0	90,163	*	0
3700 CLOTHING & TEXTILES	2	0.3	0	8,585	*	0
3800 FOOD	9	4.3	32,650	246,528	*	0
3900 HOUSING & EQUIP	8	1.7	25,841	121,638	*	7,589
4000 PEOPLE AS INDIVIDUAL	10	2.4	21,572	123,174	*	0
4100 FAMILY MEMBERS	4	0.9	16,964	34,923	*	0
4200 FARM AS BUSINESS	1	0.2	1,603	10,834	*	0
4300 SOC POLIT ORGANIZ	2	0.3	0	12,528	*	0
4400 AGRIC ECONOMY U S	2	0.8	3,741	31,880	*	0
4500 AGRIC ECONOMY FORGN	1	0.6	0	28,230	*	0
4800 MARKETING SYSTEMS	1	0.6	7,826	17,274	*	0
6100 WEEDS	1	0.1	1,702	11,508	*	0
6300 BIO CELL SYSTEMS	2	0.3	2,194	38,302	*	17,010
6500 INVERTEBRATES	5	1.0	0	83,596	*	11,340
6600 MICROORGANISMS, VIRUS	3	0.6	0	39,099	*	0
6700 PLANTS	8	1.6	5,527	112,483	*	11,042
6800 ANIMALS (VERTEBRATES)	2	0.0	0	4,094	*	835
6900 RESEARCH ON RSCH MGM	1	0.2	0	9,410	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	7,908	*	2,195
9900 UNCLASSIFIED	1	0.8	0	40,384	*	0
TOTAL	352	95.5	913,547	7,083,343	*	331,527

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	13	7.6	88,155	566,604	*	42,939
0200 WATER	7	3.3	72,334	407,047	*	50,376
0300 WATERSHEDS RIVER BAS	3	1.1	6,529	77,362	*	44,609
0400 AIR AND CLIMATE	1	0.3	3,512	25,135	*	0
0500 RECREATION RESOURCES	1	0.2	2,415	21,579	*	0
0600 TIMBER FORST PRODUCT	3	0.3	2,687	19,832	*	3,486
0700 RANGE	5	1.4	16,077	93,523	*	1,184
0800 WILDLIFE AND FISH	1	0.1	0	7,840	*	2,047
1000 FRUIT NUTS DECIDUCUS	5	1.1	20,574	111,931	*	0
1100 POTATOES	19	9.8	62,768	894,497	*	0
1200 VEGETABLES	30	9.4	201,798	829,821	*	6,194
1300 ORNAMENTALS TURF	2	0.4	3,056	28,223	*	0
1400 CORN	3	0.2	2,446	17,603	*	0
1500 GRAIN SORGHUM	3	0.2	2,272	18,252	*	0
1700 WHEAT	11	7.6	57,391	484,091	*	46,696
1800 OTHER SMALL GRAINS	6	1.5	15,189	170,333	*	12,740
2000 FORAGE CROPS	8	2.4	11,616	123,891	*	0
2300 SOYBEANS	1	0.1	952	4,597	*	0
2500 OTHER OILSEED CROPS	1	0.4	5,713	27,584	*	0
2700 SUGAR CROPS	5	1.9	29,754	177,085	*	0
2800 MISC NEW CROPS	2	0.8	1,904	93,281	*	0
2900 POULTRY	4	1.0	42,704	88,768	*	0
3000 BEEF CATTLE	13	8.3	312,742	1,452,666	*	8,465
3100 DAIRY CATTLE	3	2.2	98,202	195,876	*	0
3200 SWINE	1	0.6	12,782	31,542	*	0
3300 SHEEP AND WOOL	6	2.4	56,887	208,317	*	0
3400 OTHER ANIMALS	1	0.1	3,365	13,860	*	0
3500 BEES AND HONEY	2	2.4	22,601	152,287	*	706
3600 FARM SUPP & FACILITS	1	0.1	1,628	3,657	*	0
3800 FOOD	3	1.0	6,574	53,888	*	0
3900 HOUSING & EQUIP	4	0.4	12,299	66,394	*	1,360
4000 PEOPLE AS INDIVIDUAL	2	0.2	25	16,974	*	442
4100 FAMILY MEMBERS	1	0.1	24	2,129	*	0
4200 FARM AS BUSINESS	3	1.0	12,334	95,013	*	0
4300 SOC POLIT ORGANIZ	4	1.2	12,543	65,530	*	0
4400 AGRIC ECONOMY U S	2	2.0	77	99,839	*	0
4800 MARKETING SYSTEMS	1	0.6	0	69,526	*	0
6100 WEEDS	1	0.1	2,841	7,768	*	0
6200 SEED RESEARCH	5	0.8	11,282	50,252	*	0
6400 EXP DESIGN/STAT METH	2	0.5	10,410	53,020	*	0
6500 INVERTEBRATES	2	0.4	7,953	22,387	*	0
6600 MICROORGANISMS, VIRUS	2	0.1	2,199	14,924	*	0
6700 PLANTS	6	3.0	35,886	261,637	*	15,755
6800 ANIMALS (VERTEBRATES)	3	0.1	977	13,436	*	1,425
6900 RESEARCH ON RSCH MGM	1	1.0	43	47,411	*	0
7000 RSCH EQUIP & TECHNOL	2	0.0	3,210	15,880	*	0
9900 UNCLASSIFIED	1	0.0	0	15,424	*	0
TOTAL	206	79.8	1,276,728	7,318,517	*	238,423

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	33	14.0	201,759	1,227,580	*	629
0200 WATER	11	2.3	44,241	185,714	*	0
0300 WATERSHEDS RIVER EAS	2	0.2	14,668	29,818	*	0
0400 AIR AND CLIMATE	2	0.3	18,610	27,116	*	0
0500 RECREATION RESOURCES	2	0.3	14,613	23,062	*	0
0600 TIMBER FORST PRODUCT	13	2.8	139,176	258,443	*	0
1000 FRUIT NUTS DECIDUOUS	13	5.1	75,190	502,294	*	0
1200 VEGETABLES	16	5.3	112,892	524,397	*	22,144
1300 ORNAMENTALS TURF	9	3.3	30,927	255,893	*	10,000
1400 CORN	43	12.0	316,927	1,364,075	*	61,800
1500 GRAIN SORGHUM	3	0.3	16,194	39,727	*	0
1600 RICE	2	0.1	1,733	9,727	*	0
1700 WHEAT	11	1.5	18,590	128,232	*	8,915
1800 OTHER SMALL GRAINS	9	1.3	23,807	148,348	*	1,685
1900 PASTURE	1	0.1	4,515	41,612	*	0
2000 FORAGE CROPS	11	3.0	65,312	340,224	*	0
2200 COTTONSEED	1	0.0	1,249	3,552	*	0
2300 SOYBEANS	52	19.8	339,875	1,448,618	*	146,473
2400 PEANUTS	2	0.1	3,301	6,228	*	0
2500 OTHER OILSEED CROPS	2	0.7	9,494	35,386	*	0
2600 TOBACCO	1	0.5	4,833	39,772	*	0
2700 SUGAR CROPS	1	0.0	204	1,575	*	0
2800 MISC NEW CROPS	1	0.2	14,004	26,550	*	0
2900 POULTRY	6	3.0	53,667	305,676	*	12,735
3000 BEEF CATTLE	23	6.4	176,936	984,828	*	31,679
3100 DAIRY CATTLE	37	10.3	440,135	1,578,390	*	35,889
3200 SWINE	28	7.9	218,073	1,248,622	*	16,129
3300 SHEEP AND WOOL	12	3.6	60,187	562,043	*	36
3400 OTHER ANIMALS	13	2.6	65,647	365,582	*	19,981
3500 BEES AND HONEY	1	0.8	3,035	51,880	*	0
3600 FARM SUPP & FACILITS	4	2.0	32,363	126,087	*	0
3700 CLOTHING & TEXTILES	2	0.7	18,259	48,595	*	0
3800 FOOD	19	4.5	122,512	527,345	*	0
3900 HOUSING & EQUIP	7	3.0	68,870	371,773	*	0
4000 PEOPLE AS INDIVIDUAL	11	2.5	90,833	290,113	*	0
4100 FAMILY MEMBERS	6	2.5	81,888	168,025	*	0
4200 FARM AS BUSINESS	6	3.9	109,989	285,519	*	29,802
4300 SOC POLIT ORGANIZ	4	4.8	44,042	201,156	*	0
4400 AGRIC ECONOMY U S	3	4.4	100,000	248,254	*	4,000
4700 OTH MARKET PROCESS	1	0.7	3,031	17,249	*	0
4800 MARKETING SYSTEMS	1	1.5	44,731	79,289	*	8,420
6200 SEED RESEARCH	1	0.0	4,378	6,577	*	0
6300 BIO CELL SYSTEMS	9	1.8	53,992	246,573	*	0
6400 EXP DESIGN/STAT METH	2	2.2	18,142	92,452	*	0
6500 INVERTEBRATES	2	0.9	8,756	37,418	*	0
6600 MICROORGANISMS, VIRUS	5	1.6	25,123	89,669	*	0
6700 PLANTS	8	3.3	74,424	250,143	*	19,213
6800 ANIMALS (VERTEBRATES)	5	1.5	67,382	108,662	*	1,446
6900 RESEARCH ON RSCH MGM	1	0.6	4,813	21,343	*	0
9900 UNCLASSIFIED	1	1.4	4,284	300,333	*	24,809
TOTAL	459	151.8	3,467,603	15,281,537	*	455,783

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - INDIANA

LAFAYETTE

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	32	10.4	142,255	1,409,679	*	35,223
0200 WATER	18	4.7	44,543	507,408	*	52
0300 WATERSHEDS RIVER EAS	5	0.6	2,324	126,355	*	58
0400 AIR AND CLIMATE	4	1.8	35,219	163,914	*	0
0500 RECREATION RESOURCES	3	1.0	5,127	54,728	*	428
0600 TIMBER FORST PRODUCT	24	9.2	151,190	956,003	*	53,675
0800 WILDLIFE AND FISH	7	2.2	5,615	172,997	*	159
1000 FRUIT NUTS DECIDUOUS	12	4.9	70,388	340,572	*	4,362
1100 POTATOES	7	1.2	38,994	119,557	*	0
1200 VEGETABLES	23	5.9	86,812	542,154	*	18,726
1300 ORNAMENTALS TURF	11	2.7	40,320	292,732	*	13,717
1400 CORN	52	15.3	182,963	1,484,547	*	105,812
1500 GRAIN SORGHUM	5	1.7	8,312	67,192	*	0
1700 WHEAT	22	5.4	87,729	472,349	*	16,139
1800 OTHER SMALL GRAINS	9	0.9	15,636	79,800	*	7,046
1900 PASTURE	2	0.4	6,477	50,095	*	0
2000 FORAGE CROPS	17	4.1	92,129	387,647	*	9,092
2300 SOYBEANS	39	8.0	131,568	848,556	*	46,818
2500 OTHER OILSEED CROPS	1	0.0	2,223	4,123	*	0
2800 MISC NEW CROPS	4	2.0	18,120	108,541	*	3,727
2900 POULTRY	21	6.0	152,379	696,556	*	12,800
3000 BEEF CATTLE	37	7.3	113,409	1,587,147	*	9,241
3100 DAIRY CATTLE	29	5.7	120,838	1,029,030	*	3,602
3200 SWINE	50	12.9	286,215	1,848,131	*	160,173
3300 SHEEP AND WOOL	11	1.5	28,791	190,597	*	0
3400 OTHER ANIMALS	17	4.5	123,918	487,109	*	2,547
3600 FARM SUPP & FACILITS	7	2.5	26,249	227,843	*	2,458
3700 CLOTHING & TEXTILES	3	0.5	5,603	52,961	*	0
3800 FOOD	11	7.5	50,671	781,424	*	41,637
3900 HOUSING & EQUIP	7	1.6	8,859	165,000	*	19,684
4000 PEOPLE AS INDIVIDUAL	12	2.3	37,840	268,197	*	28,126
4100 FAMILY MEMBERS	8	0.3	28,144	132,675	*	0
4200 FARM AS BUSINESS	10	5.3	89,228	195,462	*	0
4300 SOC POLIT ORGANIZ	5	1.1	36,091	74,694	*	1,839
4400 AGRIC ECONOMY U S	8	1.4	33,858	142,974	*	27,884
4500 AGRIC ECONOMY FORGN	4	0.6	13,052	63,584	*	16,830
4600 FARM COOPERATIVES	2	0.4	1,261	30,520	*	5,425
4700 OTH MARKET PROCESS	2	0.1	637	9,005	*	1,792
4800 MARKETING SYSTEMS	9	2.1	30,206	161,867	*	49,094
6100 WEEDS	5	2.2	36,059	108,923	*	0
6200 SEED RESEARCH	2	0.8	6,762	33,659	*	0
6300 BIO CELL SYSTEMS	11	9.0	104,197	882,201	*	0
6400 EXP DESIGN/STAT METH	4	0.5	4,495	50,845	*	1,954
6500 INVERTEBRATES	10	4.1	41,911	274,024	*	0
6600 MICROORGANISMS, VIFUS	10	7.3	68,292	657,892	*	6,777
6700 PLANTS	20	6.1	119,876	540,191	*	24,259
6800 ANIMALS (VERTEBRATES)	21	11.0	161,808	934,859	*	58
6900 RESEARCH ON RSCH MGM	2	2.1	40,536	159,688	*	29,428
7000 RSCH EQUIP & TECHNOL	6	1.4	30,575	242,404	*	6,547
9900 UNCLASSIFIED	2	0.0	164,572	1,136,617	*	0
TOTAL	643	190.2	3,134,276	21,355,024	*	767,187

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - IOWA

AMES

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPE/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	42	10.9	166,123	1,940,171	*	56,485
0200 WATER	24	2.5	71,853	457,922	*	20,727
0300 WATERSHEDS RIVER BAS	5	1.1	18,856	180,729	*	21,100
0400 AIR AND CLIMATE	6	1.6	44,175	136,149	*	0
0500 RECREATION RESOURCES	3	0.5	11,900	40,184	*	1,607
0600 TIMBER FORST PRODUCT	12	2.9	116,258	349,110	*	20,065
0700 RANGE	2	0.0	0	2,912	*	0
0800 WILDLIFE AND FISH	23	1.3	1,073	262,475	*	0
1000 FRUIT NUTS DECIDUOUS	8	1.8	7,114	131,404	*	0
1100 POTATOES	3	0.2	3,523	13,861	*	0
1200 VEGETABLES	9	1.0	17,967	72,838	*	0
1300 ORNAMENTALS TURF	9	2.8	36,367	242,768	*	2,808
1400 CORN	63	15.2	356,639	2,100,772	*	192,883
1500 GRAIN SORGHUM	5	0.6	15,888	91,953	*	2,808
1700 WHEAT	2	0.2	9,392	19,316	*	3,908
1800 OTHER SMALL GRAINS	11	3.4	93,747	497,262	*	19,458
1900 PASTURE	2	0.0	0	1,563	*	0
2000 FORAGE CROPS	16	2.1	106,554	299,728	*	11,306
2300 SOYBEANS	56	11.6	269,596	1,486,410	*	105,123
2800 MISC NEW CROPS	2	0.5	51,865	64,248	*	8,424
2900 POULTRY	25	4.5	209,610	600,505	*	187
3000 BEEF CATTLE	46	7.8	383,658	1,853,283	*	52,508
3100 DAIRY CATTLE	27	6.0	241,853	1,147,579	*	13,348
3200 SWINE	51	10.4	587,776	2,375,589	*	55,610
3300 SHEEP AND WOOL	9	1.2	23,741	206,987	*	187
3400 OTHER ANIMALS	16	1.8	48,972	300,283	*	17,303
3600 FARM SUPP & FACILITS	9	1.0	29,983	104,394	*	14,646
3700 CLOTHING & TEXTILES	2	0.2	0	19,103	*	0
3800 FOOD	13	1.8	63,700	208,756	*	0
3900 HOUSING & EQUIP	10	1.5	30,746	127,261	*	9,132
4000 PEOPLE AS INDIVIDUAL	26	3.3	44,873	336,434	*	20,937
4100 FAMILY MEMBERS	14	1.6	28,924	155,950	*	20
4200 FARM AS BUSINESS	15	1.4	29,504	258,042	*	51,077
4300 SOC POLIT ORGANIZ	24	2.8	62,759	471,669	*	157,206
4400 AGRIC ECONOMY U S	11	0.9	89,646	350,016	*	65,581
4500 AGRIC ECONOMY FORGN	3	0.1	2,910	27,456	*	18,723
4600 FARM COOPERATIVES	3	0.2	14,159	39,299	*	4,034
4700 OTH MARKET PROCESS	3	0.4	19,037	43,683	*	0
4800 MARKETING SYSTEMS	1	0.2	21,376	21,376	*	0
6300 BIO CELL SYSTEMS	4	2.0	30,708	251,482	*	0
6400 EXP DESIGN/STAT METH	4	0.7	0	512,615	*	434,087
6500 INVERTEBRATES	2	1.3	0	77,252	*	0
6600 MICROORGANISMS, VIRUS	2	0.6	0	42,880	*	36
6700 PLANTS	7	0.7	10,287	62,674	*	13,153
6800 ANIMALS (VERTEBRATES)	10	3.3	75,467	341,792	*	0
6900 RESEARCH ON RSCH MGM	4	0.6	0	62,241	*	12,697
7000 RSCH EQUIP & TECHNOL	2	0.6	7,241	19,626	*	0
9900 UNCLASSIFIED	1	1.1	526,837	526,837	*	0
TOTAL	647	118.0	3,982,653	18,940,840	*	1,407,172

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - KANSAS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	MANHATTAN		SAES AMOUNT 1979
					USDA CON/GT/CA SYS 1979	WITH SAES	
0100 SOIL AND LAND	23	4.5	28,721	405,953	*		10,044
0200 WATER	43	9.7	49,903	707,838	*		10,044
0300 WATERSHEDS RIVER BAS	1	0.0	0	1,284	*		0
0400 AIR AND CLIMATE	4	2.1	12,676	139,715	*		0
0500 RECREATION RESOURCES	1	0.0	0	238	*		0
0600 TIMBER FORST PRODUCT	21	3.8	103,387	269,938	*		0
0700 RANGE	13	4.8	44,637	361,787	*		0
0800 WILDLIFE AND FISH	9	1.7	4,714	74,018	*		0
1000 FRUIT NUTS DECIDUCUS	11	3.7	10,113	249,294	*		4,153
1100 POTATOES	10	1.2	2,927	137,495	*		2,866
1200 VEGETABLES	16	2.3	21,334	187,033	*		4,153
1300 ORNAMENTALS TURF	10	2.5	4,782	182,503	*		0
1400 CORN	79	11.7	101,963	964,488	*		5,836
1500 GRAIN SORGHUM	63	10.0	65,232	862,093	*		5,836
1600 RICE	2	2.2	758	10,356	*		0
1700 WHEAT	114	24.1	295,557	1,948,110	*		72,528
1800 OTHER SMALL GRAINS	27	3.4	31,336	254,174	*		5,841
1900 PASTURE	5	0.1	4,622	24,130	*		4,841
2000 FORAGE CROPS	35	5.4	109,769	510,230	*		0
2300 SOYBEANS	36	3.4	61,938	392,551	*		350
2500 OTHER OILSEED CROPS	5	1.4	18,166	132,067	*		0
2700 SUGAR CROPS	6	0.5	0	38,441	*		0
2800 MISC NEW CROPS	1	0.1	1,343	2,245	*		0
2900 POULTRY	20	6.3	159,483	542,930	*		0
3000 BEEF CATTLE	94	20.3	514,033	3,503,637	*		35,401
3100 DAIRY CATTLE	56	7.0	156,090	783,804	*		644
3200 SWINE	34	2.8	93,984	445,798	*		1,289
3300 SHEEP AND WOOL	19	2.1	31,609	278,131	*		1,289
3400 OTHER ANIMALS	18	1.3	172	105,823	*		0
3600 FARM SUPP & FACILITS	8	0.9	14,464	115,765	*		0
3700 CLOTHING & TEXTILES	2	0.4	0	15,733	*		0
3800 FOOD	5	0.3	4,470	14,633	*		0
3900 HOUSING & EQUIP	4	1.3	30,371	121,929	*		26,201
4000 PEOPLE AS INDIVIDUAL	26	7.1	89,225	312,605	*		9,675
4100 FAMILY MEMBERS	9	2.5	49,104	138,576	*		0
4200 FARM AS BUSINESS	5	0.9	0	83,543	*		0
4300 SOC POLIT ORGANIZ	14	3.7	35,431	203,552	*		0
4400 AGRIC ECONOMY U S	2	0.3	0	20,099	*		0
4600 FARM COOPERATIVES	1	0.0	4,139	6,647	*		0
4700 OTH MARKET PROCESS	1	0.0	0	23	*		0
4800 MARKETING SYSTEMS	2	0.8	0	27,691	*		0
6300 BIO CELL SYSTEMS	23	7.4	16,015	512,066	*		0
6400 EXP DESIGN/STAT METH	1	0.0	0	8,260	*		0
6500 INVERTEBRATES	3	0.7	10,165	27,511	*		0
6600 MICROORGANISMS,VIBUS	6	0.8	3,032	40,571	*		0
6700 PLANTS	24	6.5	47,191	467,420	*		23,403
6800 ANIMALS (VERTEBRATES)	23	4.0	41,722	330,354	*		1,761
6900 RESEARCH ON RSCH MGH	1	0.2	3,806	7,562	*		0
7000 RSCH EQUIP & TECHNOL	5	0.9	0	50,121	*		0
9900 UNCLASSIFIED	1	0.0	37,352	352,460	*		315,108
TOTAL	942	177.3	2,315,733	16,373,222	*		541,263

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - KENTUCKY							LEXINGTON	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979		
0100 SOIL AND LAND	19	5.6	160,262	417,413	*	0		
0200 WATER	8	1.5	54,279	138,523	*	0		
0300 WATERSHEDS RIVER BAS	5	1.1	37,484	111,695	*	0		
0400 AIR AND CLIMATE	1	0.0	0	1,592	*	0		
0600 TIMBER FORST PRODUCT	14	4.9	136,305	436,234	*	0		
0700 RANGE	1	0.0	975	975	*	0		
0800 WILDLIFE AND FISH	1	0.0	2,170	2,170	*	0		
1000 FRUIT NUTS DECIDUCUS	6	3.9	47,697	125,450	*	0		
1100 POTATOES	1	0.4	12,650	35,463	*	0		
1200 VEGETABLES	9	6.1	134,035	266,599	*	0		
1300 ORNAMENTALS TURF	6	2.7	68,835	134,756	*	0		
1400 CORN	12	5.5	169,172	329,593	*	0		
1500 GRAIN SORGHUM	2	0.3	10,398	13,498	*	0		
1700 WHEAT	4	1.0	31,815	59,065	*	0		
1800 OTHER SMALL GRAINS	2	1.5	48,592	123,862	*	0		
1900 PASTURE	2	0.0	0	5,682	*	0		
2000 FORAGE CROPS	20	11.0	242,933	1,088,228	*	19,851		
2100 COTTON	1	0.8	14,530	34,573	*	0		
2300 SOYBEANS	20	8.6	249,862	793,813	*	22,683		
2600 TOBACCO	13	6.1	168,521	618,501	*	0		
2800 MISC NEW CROPS	1	1.0	9,906	20,630	*	0		
2900 POULTRY	3	1.2	43,812	176,874	*	0		
3000 BEEF CATTLE	21	7.9	352,993	1,290,806	*	0		
3100 DAIRY CATTLE	16	4.4	198,306	575,688	*	0		
3200 SWINE	11	4.1	169,667	603,240	*	3,924		
3300 SHEEP AND WOOL	10	2.1	96,612	287,008	*	0		
3400 OTHER ANIMALS	14	11.2	162,394	803,395	*	0		
3800 FOOD	7	4.6	147,588	260,316	*	0		
3900 HOUSING & EQUIP	3	1.1	35,491	80,436	*	0		
4000 PEOPLE AS INDIVIDUAL	6	1.8	34,881	54,451	*	0		
4100 FAMILY MEMBERS	3	1.5	51,682	99,174	*	0		
4200 FARM AS BUSINESS	2	0.1	4,607	23,248	*	0		
4300 SOC POLIT ORGANIZ	11	6.7	186,982	308,054	*	0		
4400 AGRIC ECONOMY U S	1	0.6	20,334	28,288	*	0		
4700 OTH MARKET PROCESS	1	0.3	11,321	18,205	*	0		
4800 MARKETING SYSTEMS	2	0.3	28,247	41,067	*	0		
6400 EXP DESIGN/STAT METH	2	0.2	658	5,965	*	0		
6700 PLANTS	9	4.7	77,868	345,670	*	7,101		
6800 ANIMALS (VERTEBRATES)	1	0.0	0	534	*	534		
6900 RESEARCH ON RSCH MGM	2	1.5	19,459	28,049	*	0		
7000 RSCH EQUIP & TECHNOL	2	0.6	13,706	51,487	*	0		
9900 UNCLASSIFIED	1	0.4	2,738	2,738	*	0		
TOTAL	276	117.2	3,259,765	9,843,005	*	54,093		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - LOUISIANA							BATON ROUGE	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979		
0100 SOIL AND LAND	22	6.4	93,365	494,697	*	352		
0200 WATER	8	1.2	14,673	96,709	*	1,007		
0500 RECREATION RESOURCES	2	0.2	1,377	8,441	*	404		
0600 TIMBER FORST PRODUCT	32	8.4	190,105	690,548	*	11,358		
0700 RANGE	2	0.5	0	29,934	*	4,781		
0800 WILDLIFE AND FISH	28	8.4	11,989	825,853	*	0		
0900 CITRUS SUB TROP FRUT	10	1.5	3,225	205,368	*	0		
1000 FRUIT NUTS DECIDUCUS	29	7.3	7,518	592,853	*	0		
1100 POTATOES	4	0.8	24,991	70,794	*	0		
1200 VEGETABLES	46	14.8	136,217	1,273,586	*	31,124		
1300 ORNAMENTALS TURF	16	6.9	12,804	438,683	*	0		
1400 CORN	18	3.0	27,273	231,740	*	0		
1500 GRAIN SORGHUM	11	2.0	8,708	130,647	*	0		
1600 RICE	39	14.0	94,453	1,172,053	*	0		
1700 WHEAT	8	1.0	1,486	101,224	*	0		
1800 OTHER SMALL GRAINS	7	0.7	9,299	47,451	*	0		
1900 PASTURE	28	5.7	29,547	612,410	*	319		
2000 FORAGE CROPS	35	6.9	68,060	733,761	*	655		
2100 COTTON	38	13.1	186,150	1,165,953	*	29,298		
2200 COTTONSEED	1	0.2	5,314	12,559	*	0		
2300 SOYBEANS	45	12.6	173,050	1,458,379	*	52,895		
2500 OTHER OILSEED CROPS	1	0.6	3,725	15,462	*	0		
2700 SUGAR CROPS	28	11.8	79,521	885,549	*	0		
2800 MISC NEW CROPS	1	0.1	0	3,616	*	0		
2900 POULTRY	14	5.2	120,389	854,970	*	302		
3000 BEEF CATTLE	61	17.6	333,185	2,825,745	*	45,013		
3100 DAIRY CATTLE	50	15.0	217,311	2,441,239	*	3,251		
3200 SWINE	6	1.4	22,450	215,461	*	0		
3300 SHEEP AND WOOL	3	0.4	10,498	92,510	*	0		
3400 OTHER ANIMALS	24	3.1	63,430	411,792	*	33,074		
3600 FARM SUPP & FACILITS	4	1.9	17,162	120,528	*	0		
3700 CLOTHING & TEXTILES	6	0.9	16,573	71,317	*	0		
3800 FOOD	9	1.9	21,708	97,953	*	0		
3900 HOUSING & EQUIP	5	1.6	6,571	117,197	*	33,133		
4000 PEOPLE AS INDIVIDUAL	18	3.1	43,943	184,247	*	7,770		
4100 FAMILY MEMBERS	7	1.7	24,741	66,219	*	0		
4200 FARM AS BUSINESS	6	1.3	9,455	67,341	*	0		
4300 SOC POLIT ORGANIZ	12	3.1	81,412	160,757	*	1,012		
4400 AGRIC ECONOMY U S	2	0.5	0	34,155	*	0		
4600 FARM COOPERATIVES	1	0.2	4,848	11,058	*	0		
4700 OTH MARKET PROCESS	1	0.3	6,327	16,677	*	0		
4800 MARKETING SYSTEMS	4	1.6	16,063	62,290	*	24,492		
6200 SEED RESEARCH	1	0.1	0	4,368	*	0		
6500 INVERTEBRATES	7	2.5	3,840	90,085	*	302		
6600 MICROORGANISMS, VIRUS	1	0.1	0	5,175	*	0		
6700 PLANTS	9	2.6	73,939	218,672	*	0		
6800 ANIMALS (VERTEBRATES)	4	0.7	16,211	56,197	*	0		
6900 RESEARCH ON RSCH MGM	2	3.4	0	326,630	*	0		
7000 RSCH EQUIP & TECHNOL	1	1.1	0	51,428	*	0		
TOTAL	717	199.2	2,292,903	19,902,280	*	280,543		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MAINE

ORONO

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	10	3.6	119,459	246,445	*	4,721
0200 WATER	2	0.4	11,386	101,126	*	0
0400 AIR AND CLIMATE	1	0.0	2,120	5,141	*	17
0500 RECREATION RESOURCES	3	1.2	9,303	41,200	*	277
0600 TIMBER FORST PRODUCT	34	16.8	323,334	1,345,136	*	225,058
0800 WILDLIFE AND FISH	10	5.1	61,751	434,228	*	9,382
1000 FRUIT NUTS DECIDUCUS	11	4.1	160,884	461,167	*	34
1100 POTATOES	19	10.4	240,467	694,259	*	8,646
1200 VEGETABLES	2	0.7	19,470	25,113	*	0
1300 ORNAMENTALS TURF	1	0.2	685	4,660	*	0
1400 CORN	1	0.1	1,489	2,550	*	0
2000 FORAGE CROPS	3	1.3	37,175	58,083	*	0
2900 POULTRY	6	2.4	64,164	234,695	*	1,520
3100 DAIRY CATTLE	12	4.2	128,828	491,949	*	0
3300 SHEEP AND WOOL	1	0.3	15,330	66,768	*	0
3900 HOUSING & EQUIP	2	1.0	28,327	46,908	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.5	28,198	60,048	*	277
4300 SOC POLIT ORGANIZ	4	1.8	51,474	80,908	*	278
6300 BIO CELL SYSTEMS	1	0.5	11,858	37,084	*	0
6500 INVERTEBRATES	4	1.8	39,303	74,287	*	17,367
6600 MICROORGANISMS,VIRUS	2	0.8	30,502	37,180	*	0
6700 PLANTS	2	0.1	0	8,821	*	6,673
9900 UNCLASSIFIED	1	1.0	30,854	129,464	*	0
TOTAL	136	59.1	1,416,359	4,685,217	*	274,248

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MARYLAND

COLLEGE PARK

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	15	3.9	92,323	321,501	*	0
0200 WATER	8	1.6	53,356	194,903	*	0
0300 WATERSHEDS RIVER EAS	3	0.5	11,977	39,088	*	0
0500 RECREATION RESOURCES	4	2.8	52,981	145,247	*	0
0600 TIMBER FORST PRODUCT	11	5.1	102,696	278,548	*	0
0700 RANGE	1	0.1	2,832	24,933	*	0
0800 WILDLIFE AND FISH	7	1.3	19,103	59,158	*	0
1000 FRUIT NUTS DECIDUCUS	13	3.8	85,098	264,485	*	0
1100 POTATOES	3	0.4	16,718	30,963	*	0
1200 VEGETABLES	20	5.6	167,470	399,340	*	0
1300 ORNAMENTALS TURF	14	3.7	86,376	266,572	*	0
1400 CORN	13	3.4	72,578	211,056	*	0
1700 WHEAT	4	1.3	38,162	130,449	*	0
1800 OTHER SMALL GRAINS	2	0.4	10,451	45,641	*	0
1900 PASTURE	1	0.0	0	3,578	*	0
2000 FORAGE CROPS	9	2.2	27,142	188,396	*	0
2100 COTTON	1	0.2	8,293	14,187	*	0
2200 COTTONSEED	1	0.0	941	1,832	*	0
2300 SOYBEANS	11	3.1	51,964	258,455	*	0
2600 TOBACCO	9	3.4	44,361	300,107	*	0
2800 MISC NEW CROPS	1	0.1	1,743	7,567	*	0
2900 POULTRY	21	10.3	215,498	738,247	*	0
3000 BEEF CATTLE	11	3.1	44,734	319,880	*	0
3100 DAIRY CATTLE	23	7.7	162,556	882,757	*	0
3200 SWINE	3	0.7	18,834	87,032	*	0
3300 SHEEP AND WOOL	2	0.5	12,843	43,414	*	0
3400 OTHER ANIMALS	11	2.8	22,860	214,278	*	0
3500 BEES AND HONEY	1	0.3	924	9,919	*	0
3700 CLOTHING & TEXTILES	1	1.3	13,564	13,564	*	0
3800 FOOD	3	2.4	53,772	99,914	*	0
3900 HOUSING & EQUIP	2	0.4	4,369	5,892	*	0
4000 PEOPLE AS INDIVIDUAL	6	3.2	70,231	140,453	*	0
4100 FAMILY MEMBERS	1	0.2	5,816	5,816	*	0
4200 FARM AS BUSINESS	1	0.0	9,329	18,609	*	0
4300 SOC POLIT ORGANIZ	6	3.5	73,986	151,086	*	0
6400 EXP DESIGN/STAT METH	1	0.1	444	1,444	*	0
6600 MICROORGANISMS,VIRUS	2	0.5	4,291	55,882	*	0
6700 PLANTS	9	3.0	63,859	229,988	*	4,399
6800 ANIMALS(VERTEBRATES)	2	0.0	385	3,911	*	331
7000 RSCH EQUIP & TECHNOL	1	0.4	0	49,257	*	0
9900 UNCLASSIFIED	1	0.6	0	127,000	*	0
TOTAL	259	83.8	1,724,854	6,384,348	*	4,730

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA COM/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	7	2.3	104,894	255,966	*	8,143
0200 WATER	4	2.0	60,604	157,626	*	0
0300 WATERSHEDS RIVER EAS	2	0.3	10,199	23,383	*	0
0500 RECREATION RESOURCES	2	0.6	11,563	41,797	*	5,410
0600 TIMBER FORST PRODUCT	20	6.1	175,530	497,297	*	39,460
0800 WILDLIFE AND FISH	1	0.4	6,080	38,744	*	0
1000 FRUIT NUTS DECIDUCUS	14	8.2	206,110	534,483	*	24,065
1200 VEGETABLES	19	5.2	213,994	418,055	*	14,733
1300 ORNAMENTALS TURF	8	2.1	47,400	108,347	*	0
1400 CORN	7	1.9	58,302	130,790	*	9,577
2000 FORAGE CROPS	3	0.6	13,098	45,475	*	21,387
2300 SOYBEANS	1	0.6	19,123	58,663	*	0
2800 MISC NEW CROPS	1	0.0	832	1,881	*	0
2900 POULTRY	10	2.7	91,654	376,326	*	42,405
3000 BEEF CATTLE	4	0.8	36,847	58,103	*	0
3100 DAIRY CATTLE	7	1.6	68,979	205,176	*	0
3300 SHEEP AND WOOL	1	0.0	1,973	4,105	*	0
3400 OTHER ANIMALS	1	0.2	2,693	11,185	*	0
3800 FOOD	9	5.0	217,585	482,951	*	9,798
3900 HOUSING & EQUIP	1	0.2	2,933	5,433	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.5	38,042	96,326	*	0
4100 FAMILY MEMBERS	2	0.9	23,969	66,642	*	0
4300 SOC POLIT ORGANIZ	4	0.7	40,367	64,060	*	0
4400 AGRIC ECONOMY U S	1	0.4	18,956	59,830	*	9,956
6500 INVERTEBRATES	1	0.2	18,510	43,157	*	0
6700 PLANTS	4	0.6	15,098	48,448	*	2,209
6800 ANIMALS (VERTEBRATES)	2	0.2	3,141	12,040	*	0
6900 RESEARCH ON RSCH MGM	1	0.2	3,586	6,843	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	3,552	9,674	*	0
TOTAL	143	45.2	1,515,609	3,864,804	*	187,143

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA COM/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	32	8.7	140,394	1,097,883	*	2,454
0200 WATER	17	2.1	20,093	392,656	*	0
0300 WATERSHEDS RIVER EAS	3	0.7	17,532	47,212	*	0
0400 AIR AND CLIMATE	6	0.6	10,321	56,365	*	0
0500 RECREATION RESOURCES	13	2.9	45,222	254,997	*	17,908
0600 TIMBER FORST PRODUCT	29	7.3	103,283	1,028,447	*	60,279
0800 WILDLIFE AND FISH	17	4.4	68,412	634,487	*	4,809
1000 FRUIT NUTS DECIDUCUS	50	12.2	225,678	1,678,026	*	52,040
1100 POTATOES	11	2.5	59,681	232,853	*	0
1200 VEGETABLES	43	10.5	140,433	1,536,585	*	187,001
1300 ORNAMENTALS TURF	15	5.0	25,490	548,522	*	2,515
1400 CORN	19	3.4	68,567	507,465	*	6,661
1600 RICE	1	0.2	0	13,155	*	0
1700 WHEAT	10	1.3	431	325,762	*	11,806
1800 OTHER SMALL GRAINS	11	3.0	431	207,010	*	11,585
1900 PASTURE	1	0.0	0	4,361	*	0
2000 FORAGE CROPS	14	3.7	57,968	587,497	*	59,132
2300 SOYBEANS	10	1.9	38,643	276,035	*	1,246
2600 TOBACCO	1	0.1	0	2,444	*	0
2700 SUGAR CROPS	5	0.2	3,165	58,002	*	4,229
2800 MISC NEW CROPS	3	0.2	3,200	23,571	*	0
2900 POULTRY	27	6.9	182,678	544,375	*	42,840
3000 BEEF CATTLE	24	3.7	94,663	991,167	*	8,572
3100 DAIRY CATTLE	42	12.4	340,991	1,709,291	*	25,121
3200 SWINE	15	4.5	106,821	518,635	*	0
3300 SHEEP AND WOOL	6	0.4	13,930	99,334	*	0
3400 OTHER ANIMALS	14	3.3	46,576	209,181	*	0
3600 FARM SUPP & FACILITS	6	1.8	15,833	287,011	*	74,428
3700 CLOTHING & TEXTILES	2	0.7	4,702	31,127	*	0
3800 FOOD	25	6.8	87,233	713,989	*	76,196
3900 HOUSING & EQUIP	8	1.4	18,509	168,614	*	0
4000 PEOPLE AS INDIVIDUAL	21	3.3	54,203	263,852	*	19,840
4100 FAMILY MEMBERS	16	3.4	48,046	240,312	*	0
4200 FARM AS BUSINESS	7	0.6	8,559	97,682	*	0
4300 SOC POLIT ORGANIZ	18	4.2	108,975	441,683	*	262
4400 AGRIC ECONOMY U S	5	1.5	11,825	174,685	*	1,708
4500 AGRIC ECONOMY FORGN	4	1.8	4,219	237,579	*	181,190
4600 FARM COOPERATIVES	2	0.1	6,599	28,529	*	3,116
4700 OTH MARKET PROCESS	1	0.1	6,599	16,420	*	3,116
4800 MARKETING SYSTEMS	4	1.1	18,477	83,082	*	2,671
6300 BIO CELL SYSTEMS	10	4.2	70,050	542,258	*	8,690
6400 EXP DESIGN/STAT METH	10	3.2	29,889	386,679	*	89,872
6500 INVERTEBRATES	6	1.9	16,150	209,486	*	0
6600 MICROORGANISMS, VIRUS	10	2.0	75,411	273,584	*	0
6700 PLANTS	28	12.1	190,412	1,544,055	*	235,171
6800 ANIMALS (VERTEBRATES)	30	7.5	176,155	868,104	*	0
6900 RESEARCH ON RSCH MGM	3	0.7	14,525	49,542	*	0
7000 RSCH EQUIP & TECHNOL	9	3.1	41,264	370,468	*	92,326
9900 UNCLASSIFIED	3	0.0	386,787	386,787	*	0
TOTAL	667	163.7	3,209,022	20,996,845	*	1,286,782

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	22	10.0	192,982	1,306,080	*	70,951
0200 WATER	7	0.6	14,904	116,560	*	0
0300 WATERSHEDS RIVER BAS	2	0.8	16,796	178,788	*	10,700
0400 AIR AND CLIMATE	3	0.7	22,241	108,068	*	0
0500 RECREATION RESOURCES	6	1.5	55,374	160,170	*	7,500
0600 TIMBER FORST PRODUCT	34	13.6	268,038	1,615,244	*	57,822
0700 RANGE	1	0.2	1,803	24,666	*	0
0800 WILDLIFE AND FISH	8	4.1	62,453	306,834	*	21,000
1000 FRUIT NUTS DECIDUCUS	4	2.1	11,703	475,490	*	0
1100 POTATOES	14	7.6	89,351	698,403	*	2,700
1200 VEGETABLES	12	2.7	44,984	421,581	*	900
1300 ORNAMENTALS TURF	11	5.6	53,670	794,478	*	0
1400 CORN	28	10.1	271,064	1,650,228	*	139,491
1600 RICE	6	2.2	1,071	421,362	*	0
1700 WHEAT	14	3.1	36,861	581,926	*	130,413
1800 OTHER SMALL GRAINS	10	4.5	101,666	591,139	*	0
2000 FORAGE CROPS	15	4.6	169,007	654,987	*	20,000
2300 SOYBEANS	19	6.3	51,220	924,400	*	129,770
2400 PEANUTS	1	0.0	0	2,048	*	0
2500 OTHER OILSEED CROPS	2	0.7	0	47,493	*	0
2800 MISC NEW CROPS	3	1.9	0	232,770	*	0
2900 POULTRY	20	6.6	217,615	1,076,218	*	12,000
3000 BEEF CATTLE	14	3.9	146,074	1,440,703	*	105,550
3100 DAIRY CATTLE	33	12.8	340,467	2,697,979	*	180,114
3200 SWINE	17	7.9	233,131	1,378,644	*	39,917
3300 SHEEP AND WOOL	8	2.9	50,861	706,249	*	0
3400 OTHER ANIMALS	6	3.1	28,768	166,822	*	0
3500 BEES AND HONEY	1	0.2	0	16,852	*	0
3600 FARM SUPP & FACILITS	2	0.4	15,233	180,576	*	15,413
3700 CLOTHING & TEXTILES	5	1.5	45,470	186,413	*	0
3800 FOOD	25	6.3	192,155	1,028,504	*	26,951
3900 HOUSING & EQUIP	3	0.6	0	33,916	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.8	45,283	238,678	*	0
4100 FAMILY MEMBERS	10	2.3	26,572	306,052	*	0
4200 FARM AS BUSINESS	3	0.8	0	84,894	*	0
4300 SOC POLIT ORGANIZ	8	5.3	186,119	307,918	*	0
4400 AGRIC ECONOMY U S	4	0.7	35,918	82,732	*	0
4500 AGRIC ECONOMY FORGN	3	0.5	40,137	67,812	*	0
4700 OTH MARKET PROCESS	1	0.0	0	8,054	*	0
4800 MARKETING SYSTEMS	2	0.4	25,386	50,084	*	16,200
6100 WEEDS	1	0.0	0	10,131	*	0
6200 SEED RESEARCH	1	0.0	3,843	7,228	*	0
6300 BIO CELL SYSTEMS	4	1.0	3,685	211,032	*	0
6400 EXP DESIGN/STAT METH	2	0.8	1,581	33,420	*	0
6500 INVERTEBRATES	4	2.1	14,796	197,529	*	0
6600 MICROORGANISMS,VIRUS	2	0.2	0	29,471	*	0
6700 PLANTS	17	5.6	53,393	882,494	*	10,038
6800 ANIMALS(VERTEBRATES)	13	3.1	33,744	559,089	*	48,777
6900 RESEARCH ON RSCH MGM	2	1.1	0	53,193	*	0
7000 RSCH EQUIP & TECHNOL	4	1.2	33,935	136,313	*	0
TOTAL	447	156.9	3,239,354	23,491,712	*	1,046,206

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	14	5.0	59,212	415,411	*	3,538
0200 WATER	7	0.8	26,830	106,560	*	24,064
0500 RECREATION RESOURCES	1	0.0	1,351	6,269	*	0
0600 TIMBER FORST PRODUCT	33	26.8	281,691	1,799,863	*	205,051
0700 RANGE	3	0.4	2,338	31,891	*	13,424
0800 WILDLIFE AND FISH	18	9.0	135,759	657,726	*	39,521
1000 FRUIT NUTS DECIDUCUS	10	6.4	120,941	658,026	*	0
1100 POTATOES	2	0.2	3,862	12,081	*	0
1200 VEGETABLES	19	9.4	160,882	642,025	*	308
1300 ORNAMENTALS TURF	4	4.9	81,257	476,582	*	1
1400 CORN	15	1.8	26,257	266,218	*	49,069
1500 GRAIN SORGHUM	7	0.6	5,618	59,980	*	24
1600 RICE	11	3.4	63,407	258,859	*	24
1700 WHEAT	6	0.6	20,671	62,743	*	963
1800 OTHER SMALL GRAINS	7	0.6	10,053	51,732	*	999
1900 PASTURE	4	1.6	2,398	88,706	*	1,452
2000 FORAGE CROPS	14	7.6	207,306	994,027	*	46,419
2100 COTTON	43	25.1	296,128	2,089,677	*	304,909
2300 SOYBEANS	43	10.2	189,636	1,326,307	*	82,465
2400 PEANUTS	3	0.1	3,958	13,193	*	0
2500 OTHER OILSEED CROPS	1	0.0	911	1,439	*	0
2600 TOBACCO	1	0.5	29,750	77,362	*	0
2800 MISC NEW CROPS	1	0.1	538	2,933	*	0
2900 POULTRY	16	8.8	175,949	522,406	*	1,377
3000 BEEF CATTLE	16	8.2	387,688	1,978,134	*	13,203
3100 DAIRY CATTLE	16	7.9	225,891	1,382,969	*	0
3200 SWINE	9	5.7	187,063	717,120	*	0
3400 OTHER ANIMALS	4	0.7	10,611	122,727	*	0
3600 FARM SUPP & FACILITS	1	0.4	0	46,782	*	0
4000 PEOPLE AS INDIVIDUAL	11	4.6	130,870	281,796	*	4,637
4200 FARM AS BUSINESS	3	0.9	26,876	52,753	*	0
4300 SOC POLIT ORGANIZ	7	1.9	3,159	102,031	*	49,246
4600 FARM COOPERATIVES	2	0.6	3,893	50,470	*	20,547
4700 OTH MARKET PROCESS	2	0.3	11,701	17,156	*	0
4800 MARKETING SYSTEMS	2	0.4	22,094	44,156	*	7,774
6200 SEED RESEARCH	3	1.0	42,587	97,649	*	1
6500 INVERTEBRATES	2	0.5	0	62,351	*	0
6600 MICROORGANISMS,VIRUS	1	0.0	0	3,410	*	0
6700 PLANTS	6	3.4	17,123	949,453	*	24
6800 ANIMALS(VERTEBRATES)	3	0.5	13,812	29,028	*	0
9900 UNCLASSIFIED	1	1.5	18,861	19,555	*	0
TOTAL	372	162.1	3,008,929	16,579,555	*	869,039

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	19	5.8	100,719	550,990	*	8,355
0200 WATER	10	1.7	26,415	174,909	*	2,349
0300 WATERSHEDS RIVER BAS	3	1.7	48,039	185,612	*	50,465
0400 AIR AND CLIMATE	5	2.3	37,906	418,128	*	7,184
0500 RECREATION RESOURCES	2	0.5	9,288	55,275	*	11,583
0600 TIMBER FORST PRODUCT	11	4.5	113,757	486,959	*	19,525
0700 RANGE	1	0.0	1,920	13,664	*	1,736
0800 WILDLIFE AND FISH	5	2.4	19,938	378,293	*	29,876
0900 CITRUS SUB TROP FRUT	2	0.1	6,871	14,942	*	0
1000 FRUIT NUTS DECIDUCUS	11	3.4	93,819	457,463	*	2,501
1200 VEGETABLES	7	3.1	54,558	257,731	*	0
1300 ORNAMENTALS TURF	3	2.8	39,078	171,838	*	0
1400 CORN	25	6.7	170,454	1,067,034	*	71,111
1500 GRAIN SORGHUM	15	1.9	30,732	248,599	*	18,644
1700 WHEAT	9	2.3	53,242	233,635	*	4,686
1800 OTHER SMALL GRAINS	4	0.9	10,649	90,717	*	0
1900 PASTURE	8	0.6	31,104	184,110	*	7,777
2000 FORAGE CROPS	19	3.7	132,079	517,683	*	44,364
2100 COTTON	6	3.7	56,194	299,517	*	3,702
2300 SOYBEANS	27	5.5	132,796	666,499	*	88,594
2500 OTHER OILSEED CROPS	2	0.5	7,564	38,324	*	0
2600 TOBACCO	1	0.1	1,006	7,307	*	455
2700 SUGAR CROPS	1	0.3	2,516	18,269	*	1,137
2800 MISC NEW CROPS	4	1.1	22,957	109,366	*	0
2900 POULTRY	20	6.6	216,600	680,602	*	346
3000 BEEF CATTLE	32	6.6	259,983	845,850	*	70,139
3100 DAIRY CATTLE	27	7.3	294,834	1,041,523	*	61,612
3200 SWINE	22	5.9	315,151	793,801	*	34,773
3300 SHEEP AND WOOL	3	2.6	60,751	143,140	*	31
3400 OTHER ANIMALS	11	1.2	134,895	285,078	*	0
3600 FARM SUPP & FACILITS	2	0.3	3,254	59,888	*	11,169
3800 FOOD	13	2.6	91,710	336,770	*	4,870
3900 HOUSING & EQUIP	1	0.4	2,918	31,550	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.5	22,711	239,492	*	31,068
4100 FAMILY MEMBERS	3	1.0	7,577	74,201	*	0
4200 FARM AS BUSINESS	6	2.3	44,930	163,133	*	11,897
4300 SOC POLIT ORGANIZ	9	2.6	80,201	317,280	*	18,207
4400 AGRIC ECONOMY U S	7	1.1	12,975	164,841	*	74,259
4500 AGRIC ECONOMY FORGN	1	0.8	0	42,242	*	0
4600 FARM COOPERATIVES	3	0.4	15,701	66,231	*	9,070
4700 OTH MARKET PROCESS	1	0.1	4,048	14,693	*	0
4800 MARKETING SYSTEMS	7	0.9	41,495	199,211	*	64,012
6300 BIO CELL SYSTEMS	3	0.5	11,376	55,615	*	0
6400 EXP DESIGN/STAT METH	2	0.1	2,791	15,774	*	2,551
6500 INVERTEERATES	5	1.2	12,099	109,535	*	0
6600 MICROORGANISMS,VIRUS	1	0.0	415	7,321	*	0
6700 PLANTS	14	2.8	50,693	435,838	*	177,338
6800 ANIMALS(VERTEBRATES)	8	1.5	42,907	184,390	*	37,320
7000 RSCH EQUIP & TECHNOL	5	0.2	3,730	45,928	*	0
9900 UNCLASSIFIED	2	0.0	84,551	502,571	*	80,138
TOTAL	414	106.9	3,021,895	13,503,360	*	1,062,842

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	17	9.5	49,225	642,855	*	14,453
0200 WATER	9	3.4	38,557	247,889	*	850
0400 AIR AND CLIMATE	1	0.2	4,390	7,280	*	0
0500 RECREATION RESOURCES	1	0.1	0	525	*	0
0700 RANGE	19	3.7	54,073	468,643	*	0
0800 WILDLIFE AND FISH	3	0.7	23,450	110,500	*	14,630
1000 FRUIT NUTS DECIDUOUS	2	0.4	0	36,964	*	0
1100 POTATOES	2	0.2	4,547	16,253	*	0
1200 VEGETABLES	4	0.4	5,197	47,071	*	0
1300 ORNAMENTALS TURF	5	1.0	20,040	68,289	*	0
1400 CORN	6	0.7	4,547	53,636	*	0
1500 GRAIN SORGHUM	1	0.1	0	8,644	*	0
1700 WHEAT	35	10.9	169,964	768,530	*	45,441
1800 OTHER SMALL GRAINS	38	7.8	160,026	639,675	*	8,608
1900 PASTURE	3	0.5	0	29,988	*	0
2000 FORAGE CROPS	28	6.6	81,299	559,629	*	21,480
2500 OTHER OILSEED CROPS	5	1.3	15,978	135,232	*	0
2700 SUGAR CROPS	8	1.1	4,547	129,807	*	0
2900 POULTRY	2	0.7	16,946	95,772	*	0
3000 BEEF CATTLE	37	18.9	454,296	2,429,903	*	29,278
3100 DAIRY CATTLE	4	2.1	25,649	233,009	*	0
3200 SWINE	5	1.2	40,416	429,484	*	0
3300 SHEEP AND WOOL	10	4.1	78,863	407,210	*	0
3400 OTHER ANIMALS	3	0.2	14,772	42,832	*	0
3600 FARM SUPP & FACILITS	2	0.7	18,900	51,583	*	0
3800 FOOD	1	0.2	749	11,601	*	0
3900 HOUSING & EQUIP	2	0.3	2,516	38,542	*	0
4000 PEOPLE AS INDIVIDUAL	7	1.8	14,707	117,885	*	17,862
4200 FARM AS BUSINESS	2	1.2	12,516	30,987	*	0
4300 SOC POLIT ORGANIZ	3	0.4	1,727	24,385	*	0
4400 AGRIC ECONOMY U S	2	0.3	0	14,753	*	0
6500 INVERTEERATES	1	1.7	0	98,708	*	0
6700 PLANTS	9	2.1	29,098	104,069	*	7,046
6800 ANIMALS(VERTEBRATES)	1	0.0	0	3,110	*	0
7000 RSCH EQUIP & TECHNOL	2	0.7	11,214	35,056	*	0
9900 UNCLASSIFIED	1	3.7	0	281,514	*	0
TOTAL	281	88.8	1,358,206	8,421,813	*	159,648

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	24	6.5	130,315	608,991	*	5,531
0200 WATER	27	5.8	66,321	476,651	*	3,048
0400 AIR AND CLIMATE	4	1.8	22,041	169,953	*	0
0500 RECREATION RESOURCES	1	0.1	0	3,630	*	0
0600 TIMBER FORST PRODUCT	8	1.4	31,149	94,653	*	3,469
0700 RANGE	10	1.5	28,156	202,294	*	13,909
0800 WILDLIFE AND FISH	3	0.6	4,410	52,659	*	0
1100 POTATOES	6	0.7	21,159	101,612	*	0
1200 VEGETABLES	19	4.4	60,241	372,193	*	2,012
1300 ORNAMENTALS TURF	10	3.4	39,415	249,343	*	0
1400 CORN	57	11.3	214,702	1,226,356	*	7,182
1500 GRAIN SORGHUM	34	7.0	134,365	711,913	*	30,723
1700 WHEAT	29	7.5	105,933	690,877	*	55,541
1800 OTHER SMALL GRAINS	5	1.1	4,845	102,767	*	0
1900 PASTURE	7	0.6	5,596	115,933	*	6,463
2000 FORAGE CROPS	38	6.5	133,285	710,342	*	39,997
2300 SOYBEANS	28	6.0	81,628	569,936	*	2,834
2500 OTHER OILSEED CROPS	2	0.1	668	13,101	*	0
2700 SUGAR CROPS	7	0.4	5,203	46,454	*	0
2800 MISC NEW CROPS	1	0.1	2,913	14,983	*	0
2900 POULTRY	12	4.6	83,727	473,904	*	1,231
3000 BEEF CATTLE	41	15.0	262,672	6,463,238	*	273,803
3100 DAIRY CATTLE	20	5.1	116,005	791,349	*	5,644
3200 SWINE	26	11.1	208,483	2,233,257	*	76,449
3300 SHEEP AND WOOL	7	1.0	21,690	180,090	*	2,849
3400 OTHER ANIMALS	2	0.6	0	71,427	*	1,231
3600 FARM SUPP & FACILITS	2	2.5	7,177	237,664	*	0
3700 CLOTHING & TEXTILES	3	0.4	10,194	38,629	*	0
3800 FOOD	17	3.0	70,801	368,171	*	0
3900 HOUSING & EQUIP	4	0.8	5,054	72,560	*	2,853
4000 PEOPLE AS INDIVIDUAL	13	4.1	61,986	326,752	*	0
4100 FAMILY MEMBERS	6	2.3	8,886	110,250	*	0
4200 FARM AS BUSINESS	6	2.5	17,278	119,999	*	0
4300 SOC POLIT ORGANIZ	8	1.5	28,819	120,134	*	4,325
4400 AGRIC ECONOMY U S	1	0.1	1,074	4,276	*	0
4700 OTH MARKET PROCESS	1	0.1	1,408	7,940	*	0
4800 MARKETING SYSTEMS	4	1.1	20,639	64,778	*	0
6100 WEEDS	3	0.5	16,934	52,899	*	0
6200 SEED RESEARCH	1	1.0	0	298,329	*	0
6400 EXP DESIGN/STAT METH	2	2.8	261	158,070	*	0
6500 INVERTEBRATES	1	0.5	8,974	36,111	*	0
6600 MICROORGANISMS,VIRUS	6	1.9	25,237	121,011	*	2,746
6700 PLANTS	14	3.4	68,603	699,420	*	17,678
6800 ANIMALS(VERTEBRATES)	7	1.5	4,349	411,748	*	1,964
6900 RESEARCH ON RSCH MGM	1	0.2	7,808	19,326	*	0
7000 RSCH EQUIP & TECHNOL	2	0.2	4,337	12,990	*	0
9900 UNCLASSIFIED	4	8.1	2,756	1,273,429	*	65,819
TOTAL	534	142.6	2,157,498	21,302,389	*	627,302

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	2.5	54,908	148,538	*	0
0200 WATER	6	1.8	40,839	153,691	*	0
0300 WATERSHEDS RIVER BAS	3	0.6	12,245	122,846	*	58,525
0400 AIR AND CLIMATE	1	0.3	22,166	26,956	*	0
0500 RECREATION RESOURCES	4	1.1	31,284	70,824	*	0
0600 TIMBER FORST PRODUCT	5	1.8	28,228	163,503	*	10,092
0700 RANGE	12	1.5	21,209	231,087	*	63,480
0800 WILDLIFE AND FISH	7	1.4	20,912	207,407	*	42,154
1100 POTATOES	1	0.0	883	2,867	*	0
1200 VEGETABLES	3	0.6	2,109	43,619	*	0
1300 ORNAMENTALS TURF	2	0.8	10,907	54,055	*	0
1700 WHEAT	2	0.4	589	32,984	*	0
1800 OTHER SMALL GRAINS	2	0.4	589	32,984	*	0
1900 PASTURE	1	0.3	0	27,964	*	0
2000 FORAGE CROPS	17	6.5	92,607	430,211	*	24,035
3000 BEEF CATTLE	27	8.2	273,291	1,096,099	*	4,517
3100 DAIRY CATTLE	8	1.6	31,594	242,387	*	0
3300 SHEEP AND WOOL	6	0.3	14,615	50,963	*	0
3400 OTHER ANIMALS	5	0.4	15,858	48,980	*	0
3500 BEES AND HONEY	2	0.8	34,200	50,026	*	276
3600 FARM SUPP & FACILITS	1	0.0	4,460	8,539	*	0
3700 CLOTHING & TEXTILES	1	0.1	1,213	3,639	*	0
3800 FOOD	3	0.4	12,416	23,298	*	0
3900 HOUSING & EQUIP	1	0.0	0	1,542	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.3	2,927	9,735	*	0
4100 FAMILY MEMBERS	4	0.7	25,599	45,419	*	0
4200 FARM AS BUSINESS	1	0.0	1,912	3,659	*	0
4300 SOC POLIT ORGANIZ	10	1.2	28,937	82,947	*	0
6300 BIO CELL SYSTEMS	1	0.1	9,042	16,318	*	0
6500 INVERTEBRATES	1	0.0	662	1,017	*	0
6600 MICROORGANISMS,VIRUS	1	0.5	16,051	29,513	*	0
6700 PLANTS	6	0.8	3,118	37,827	*	2,823
6800 ANIMALS(VERTEBRATES)	4	0.2	14,729	51,554	*	498
7000 RSCH EQUIP & TECHNOL	2	0.1	2,279	14,929	*	5,587
9900 UNCLASSIFIED	1	0.0	0	49,553	*	48,088
TOTAL	162	35.5	832,377	3,617,477	*	260,075

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	5	1.2	34,713	70,270	*	0
0200 WATER	2	0.6	32,969	35,120	*	0
0300 WATERSHEDS RIVER BAS	1	0.5	17,142	22,781	*	0
0400 AIR AND CLIMATE	1	0.2	0	12,261	*	0
0500 RECREATION RESOURCES	1	0.4	17,484	18,817	*	0
0600 TIMBER FORST PRODUCT	16	4.2	177,479	313,697	*	0
0800 WILDLIFE AND FISH	5	1.0	19,507	75,547	*	0
1000 FRUIT NUTS DECIDUCUS	4	1.0	42,183	77,943	*	0
1100 POTATOES	1	0.0	1,429	1,558	*	0
1200 VEGETABLES	4	1.3	55,791	84,762	*	0
1300 ORNAMENTALS TURF	1	0.3	21,219	32,152	*	0
1400 CORN	1	0.5	25,267	35,496	*	0
2000 FORAGE CROPS	4	1.4	37,290	147,746	*	18,877
2300 SOYBEANS	1	0.5	13,059	23,145	*	0
2900 POULTRY	5	2.2	161,284	320,192	*	1,703
3000 BEEF CATTLE	1	0.0	1,429	1,558	*	0
3100 DAIRY CATTLE	9	2.4	173,528	329,532	*	0
3200 SWINE	1	0.0	1,429	1,558	*	0
3400 OTHER ANIMALS	5	1.8	61,794	135,179	*	0
3800 FOOD	1	0.1	1,343	1,891	*	0
3900 HOUSING & EQUIP	4	0.7	31,714	46,665	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.2	37,562	54,419	*	0
4100 FAMILY MEMBERS	1	0.0	0	4,771	*	0
4300 SOC POLIT ORGANIZ	2	0.5	19,884	22,253	*	0
4800 MARKETING SYSTEMS	1	0.4	14,288	15,578	*	0
6300 BIO CELL SYSTEMS	2	1.3	37,374	43,930	*	0
6400 EXP DESIGN/STAT METH	2	0.1	0	2,997	*	0
6500 INVERTEBRATES	3	0.7	5,276	38,484	*	0
6600 MICROORGANISMS, VIRUS	1	0.5	14,120	14,120	*	0
6700 PLANTS	4	0.7	19,990	30,829	*	0
6800 ANIMALS (VERTEBRATES)	1	0.3	0	20,685	*	0
7000 RSCH EQUIP & TECHNOL	3	0.3	1,751	13,557	*	0
9900 UNCLASSIFIED	1	0.0	4,693	4,693	*	0
TOTAL	97	26.3	1,082,987	2,054,183	*	20,580

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	33	10.1	90,752	1,110,220	*	0
0200 WATER	18	4.8	4,809	691,052	*	0
0300 WATERSHEDS RIVER BAS	3	0.6	0	63,831	*	0
0400 AIR AND CLIMATE	9	2.8	7,232	175,386	*	0
0500 RECREATION RESOURCES	4	1.4	61,804	148,888	*	0
0600 TIMBER FORST PRODUCT	14	3.3	130,076	409,672	*	0
0700 RANGE	1	0.0	188	1,983	*	0
0800 WILDLIFE AND FISH	9	2.4	17,393	316,727	*	0
0900 CITRUS SUB TROP FRUT	1	0.2	4,784	12,389	*	0
1000 FRUIT NUTS DECIDUCUS	34	10.1	242,531	1,171,881	*	1,836
1100 POTATOES	6	1.5	28,807	165,291	*	4,091
1200 VEGETABLES	28	8.1	127,672	917,497	*	13,875
1300 ORNAMENTALS TURF	16	7.4	84,452	859,531	*	5,190
1400 CORN	6	0.3	563	52,268	*	0
1700 WHEAT	2	0.4	14,593	64,961	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	6,772	*	0
1900 PASTURE	1	0.0	0	2,327	*	0
2000 FORAGE CROPS	11	2.5	51,132	268,586	*	0
2200 COTTONSEED	1	0.0	0	4,242	*	0
2300 SOYBEANS	8	0.4	563	99,181	*	0
2400 PEANUTS	1	0.0	0	4,242	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	13,836	*	0
2800 MISC NEW CROPS	1	0.4	14,011	46,666	*	0
2900 POULTRY	19	4.7	86,776	586,437	*	4,402
3000 BEEF CATTLE	5	0.5	981	56,043	*	0
3100 DAIRY CATTLE	10	1.8	51,255	249,199	*	0
3200 SWINE	5	0.6	8,536	106,419	*	0
3300 SHEEP AND WOOL	2	0.3	981	39,211	*	0
3400 OTHER ANIMALS	16	2.3	33,537	456,913	*	0
3600 FARM SUPP & FACILITS	2	0.7	13,551	77,381	*	0
3800 FOOD	25	7.6	112,577	934,998	*	0
3900 HOUSING & EQUIP	10	4.6	20,744	608,441	*	19,569
4000 PEOPLE AS INDIVIDUAL	20	4.8	34,106	479,545	*	9,784
4200 FARM AS BUSINESS	2	0.5	18,473	44,662	*	0
4300 SOC POLIT ORGANIZ	7	2.3	14,898	176,866	*	0
4400 AGRIC ECONOMY U S	1	0.3	2,098	22,390	*	0
4800 MARKETING SYSTEMS	1	0.1	0	3,873	*	0
6100 WEEDS	1	0.0	222	10,874	*	0
6300 BIO CELL SYSTEMS	3	0.4	409	31,588	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	30,808	*	0
6500 INVERTEBRATES	11	4.3	123,602	355,247	*	0
6600 MICROORGANISMS, VIRUS	10	2.2	47,446	291,868	*	29,605
6700 PLANTS	17	10.5	249,447	962,971	*	318,289
6800 ANIMALS (VERTEBRATES)	3	0.7	24,545	78,441	*	0
7000 RSCH EQUIP & TECHNOL	6	2.6	0	136,046	*	0
TOTAL	386	108.7	1,725,542	12,347,649	*	406,641

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW MEXICO UNIV PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	14	2.8	71,639	178,226	*	0
0200 WATER	9	2.7	69,693	159,916	*	0
0400 AIR AND CLIMATE	3	0.3	9,908	13,283	*	0
0500 RECREATION RESOURCES	2	0.4	14,104	15,129	*	0
0600 TIMBER FORST PRODUCT	7	2.9	106,542	236,544	*	0
0700 RANGE	18	5.9	40,106	461,348	*	112,111
0800 WILDLIFE AND FISH	4	0.8	20,733	33,125	*	0
1000 FRUIT NUTS DECIDUCUS	6	1.4	1,364	64,356	*	0
1100 POTATOES	2	0.1	0	5,239	*	0
1200 VEGETABLES	15	3.1	57,802	207,611	*	0
1300 ORNAMENTALS TURF	5	0.6	4,157	46,492	*	0
1400 CORN	8	0.9	9,099	40,045	*	0
1500 GRAIN SORGHUM	12	1.7	9,166	80,328	*	0
1700 WHEAT	10	0.9	5,828	39,441	*	0
1800 OTHER SMALL GRAINS	7	0.8	0	32,330	*	0
1900 PASTURE	3	0.3	267	12,889	*	0
2000 FORAGE CROPS	20	7.2	72,740	299,070	*	0
2100 COTTON	12	5.5	109,144	286,414	*	0
2300 SOYBEANS	2	0.1	0	3,003	*	0
2400 PEANUTS	2	1.0	0	44,520	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	5,322	*	0
2700 SUGAR CROPS	3	0.2	0	7,111	*	0
2800 MISC NEW CROPS	3	0.8	0	54,495	*	0
2900 POULTRY	4	0.6	11,615	30,487	*	0
3000 BEEF CATTLE	23	7.5	241,677	491,240	*	0
3100 DAIRY CATTLE	6	1.4	19,792	53,590	*	0
3300 SHEEP AND WOOL	8	2.3	4,655	60,993	*	0
3400 OTHER ANIMALS	2	0.4	17,303	20,851	*	0
3600 FARM SUPP & FACILITS	1	0.1	1,507	3,571	*	0
3800 FOOD	2	0.9	12,870	27,310	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.7	44,176	65,825	*	0
4100 FAMILY MEMBERS	1	0.4	24,886	24,886	*	0
4200 FARM AS BUSINESS	2	0.7	15,924	33,454	*	0
4300 SOC POLIT ORGANIZ	7	2.5	49,667	71,666	*	0
4400 AGRIC ECONOMY U S	1	0.2	12,291	18,991	*	0
4600 FARM COOPERATIVES	1	0.1	1,507	3,571	*	0
4700 OTH MARKET PROCESS	1	0.1	1,507	3,571	*	0
4800 MARKETING SYSTEMS	1	0.2	3,768	8,928	*	0
6700 PLANTS	6	2.5	58,189	112,250	*	3,996
6800 ANIMALS (VERTEBRATES)	3	1.0	26,807	59,259	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	1,997	*	0
9900 UNCLASSIFIED	2	1.8	9,855	47,551	*	0
TOTAL	245	64.7	1,160,288	3,466,227	*	116,107

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.3	10,487	28,928	*	0
0200 WATER	1	0.1	0	3,601	*	0
0400 AIR AND CLIMATE	1	0.4	4,204	33,142	*	0
0600 TIMBER FORST PRODUCT	1	0.1	0	5,966	*	0
0800 WILDLIFE AND FISH	1	0.5	0	34,874	*	0
1000 FRUIT NUTS DECIDUCUS	87	35.8	235,620	2,583,107	*	119,324
1100 POTATOES	4	0.4	247	29,325	*	0
1200 VEGETABLES	57	23.9	223,220	1,635,010	*	118,328
1300 ORNAMENTALS TURF	5	1.0	15,367	86,327	*	0
1700 WHEAT	1	0.0	0	565	*	0
1800 OTHER SMALL GRAINS	2	0.1	530	6,091	*	0
2000 FORAGE CROPS	5	0.4	18,988	40,697	*	0
2300 SOYBEANS	2	0.1	530	6,091	*	0
2800 MISC NEW CROPS	2	0.4	0	30,848	*	0
3800 FOOD	3	0.9	2,820	52,137	*	0
6200 SEED RESEARCH	10	3.3	8,270	205,683	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	12,661	*	0
6500 INVERTEBRATES	1	1.8	0	103,464	*	5,467
6700 PLANTS	1	0.2	0	5,587	*	0
9900 UNCLASSIFIED	1	0.0	9,650	9,650	*	0
TOTAL	187	69.9	529,932	4,913,754	*	243,118

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY CCMHODITY - NEW YORK							ITHACA	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979		
0100 SOIL AND LAND	35	13.2	113,581	1,118,744	*	83,362		
0200 WATER	19	6.6	17,457	551,619	*	6,869		
0300 WATERSHEDS RIVER BAS	6	0.2	2,284	52,329	*	628		
0400 AIR AND CLIMATE	6	1.8	32,521	265,144	*	77,191		
0500 RECREATION RESOURCES	5	0.9	20,225	90,992	*	0		
0600 TIMBER FORST PRODUCT	19	3.8	83,535	400,517	*	24,631		
0700 RANGE	1	0.0	0	2,684	*	0		
0800 WILDLIFE AND FISH	31	7.6	35,016	1,169,120	*	20,780		
0900 CITRUS SUB TROP FRUT	1	0.0	2,957	4,692	*	0		
1000 FRUIT NUTS DECIDUOUS	20	6.6	153,729	646,594	*	9,884		
1100 POTATOES	27	5.4	128,532	1,042,986	*	162,172		
1200 VEGETABLES	48	13.3	252,471	1,229,690	*	36,263		
1300 ORNAMENTALS TURF	19	5.6	90,156	672,518	*	0		
1400 CORN	22	5.1	120,193	646,135	*	3,474		
1600 RICE	2	0.3	9,102	31,323	*	6,188		
1700 WHEAT	11	0.2	17,698	111,933	*	0		
1800 OTHER SMALL GRAINS	9	0.2	19,495	144,706	*	13,623		
1900 PASTURE	1	0.1	1,784	7,317	*	0		
2000 FORAGE CROPS	23	6.2	86,560	704,601	*	27,927		
2300 SOYBEANS	4	0.7	18,760	92,680	*	28,390		
2500 OTHER OILSEED CROPS	1	0.1	3,257	6,926	*	0		
2700 SUGAR CROPS	1	0.3	3,326	54,314	*	0		
2800 MISC NEW CROPS	1	0.1	7,247	20,807	*	0		
2900 POULTRY	39	14.5	117,437	1,561,807	*	3,836		
3000 BEEF CATTLE	25	3.8	189,960	607,023	*	18,010		
3100 DAIRY CATTLE	81	24.9	302,523	2,748,383	*	38,940		
3200 SWINE	10	1.0	12,444	337,622	*	98,724		
3300 SHEEP AND WOOL	11	0.9	27,278	151,250	*	0		
3400 OTHER ANIMALS	27	6.3	32,876	889,867	*	10,775		
3500 BEES AND HONEY	3	0.6	6,738	56,485	*	0		
3600 FARM SUPP & FACILITS	4	1.0	12,251	149,452	*	0		
3700 CLOTHING & TEXTILES	4	0.1	25,799	80,244	*	0		
3800 FOOD	36	6.6	98,304	699,193	*	6,676		
3900 HOUSING & EQUIP	15	6.8	44,977	618,356	*	133,660		
4000 PEOPLE AS INDIVIDUAL	50	16.4	107,804	1,596,303	*	28,268		
4100 FAMILY MEMBERS	11	7.3	55,585	1,471,240	*	0		
4200 FARM AS BUSINESS	8	3.8	76,230	230,195	*	6,867		
4300 SOC POLIT ORGANIZ	38	9.1	131,565	778,701	*	84,241		
4400 AGRIC ECONOMY U S	3	1.2	28,384	77,604	*	0		
4500 AGRIC ECONOMY FORGN	6	0.7	20,794	131,375	*	0		
4600 FARM COOPERATIVES	1	0.3	1,397	15,931	*	0		
4700 OTH MARKET PROCESS	5	0.4	0	48,721	*	0		
4800 MARKETING SYSTEMS	5	1.7	19,756	93,162	*	0		
6100 WEEDS	1	0.1	3,056	15,010	*	0		
6300 BIO CELL SYSTEMS	21	9.2	66,576	972,592	*	32		
6400 EXP DESIGN/STAT METH	9	2.2	24,993	166,568	*	0		
6500 INVERTEBRATES	15	3.6	42,258	472,625	*	0		
6600 MICROORGANISMS, VIRUS	27	7.4	72,050	954,449	*	0		
6700 PLANTS	27	9.7	95,535	727,058	*	0		
6800 ANIMALS (VERTEBRATES)	27	10.6	30,292	1,058,206	*	51,688		
6900 RESEARCH ON RSCH MGM	1	0.0	0	45,362	*	0		
7000 RSCH EQUIP & TECHNOL	5	1.4	7,861	72,538	*	0		
9900 UNCLASSIFIED	1	0.0	120,268	3,267,129	*	112,079		
TOTAL	828	229.6	2,994,874	29,162,824	*	1,095,177		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	31	8.4	128,049	735,217	*	22,356
0200 WATER	15	4.3	76,903	709,008	*	9,373
0300 WATERSHEDS RIVER BAS	1	1.6	49,705	78,000	*	0
0400 AIR AND CLIMATE	1	0.0	0	219	*	0
0500 RECREATION RESOURCES	5	1.2	27,209	90,227	*	0
0600 TIMBER FORST PRODUCT	45	17.6	375,642	1,822,739	*	4,853
0800 WILDLIFE AND FISH	29	4.6	49,951	717,312	*	306
1000 FRUIT NUTS DECIDUOUS	55	14.9	240,917	1,908,311	*	56,298
1100 POTATOES	9	1.0	23,862	158,378	*	76
1200 VEGETABLES	62	17.0	195,358	2,117,392	*	23,495
1300 ORNAMENTALS TURF	21	6.7	158,603	924,901	*	43,600
1400 CORN	45	9.2	200,977	1,412,092	*	75,133
1500 GRAIN SORGHUM	2	0.1	451	17,215	*	0
1700 WHEAT	9	1.2	38,429	126,975	*	6,967
1800 OTHER SMALL GRAINS	6	1.1	26,325	93,099	*	2,502
1900 PASTURE	4	0.0	4,280	55,204	*	0
2000 FORAGE CROPS	19	4.7	99,535	604,949	*	0
2100 COTTON	18	4.3	110,983	527,176	*	61,440
2300 SOYBEANS	60	12.8	268,360	1,359,983	*	141,944
2400 PEANUTS	25	7.3	106,843	937,901	*	24,104
2500 OTHER OILSEED CROPS	1	0.1	1,008	3,640	*	0
2600 TOBACCO	61	24.1	345,180	3,415,990	*	87,075
2800 MISC NEW CROPS	2	0.2	6,031	20,182	*	0
2900 POULTRY	50	17.2	429,310	2,212,533	*	13,505
3000 BEEF CATTLE	35	7.0	197,950	1,133,145	*	1,964
3100 DAIRY CATTLE	45	13.4	386,135	1,641,741	*	19,662
3200 SWINE	37	9.0	246,699	1,377,112	*	6,471
3300 SHEEP AND WOOL	8	0.7	9,301	155,922	*	0
3400 OTHER ANIMALS	14	2.2	22,243	214,330	*	0
3500 BEES AND HONEY	1	0.3	0	34,352	*	0
3700 CLOTHING & TEXTILES	2	0.3	18,151	46,106	*	0
3800 FOOD	10	2.1	51,893	190,407	*	8,925
3900 HOUSING & EQUIP	3	0.6	11,190	45,057	*	0
4000 PEOPLE AS INDIVIDUAL	23	4.5	106,116	379,656	*	3,260
4100 FAMILY MEMBERS	8	2.9	57,102	140,653	*	721
4200 FARM AS BUSINESS	5	0.6	17,425	46,475	*	59
4300 SOC POLIT ORGANIZ	12	3.5	97,613	252,940	*	4,579
4400 AGRIC ECONOMY U S	1	0.0	3,095	3,095	*	0
4700 OTH MARKET PROCESS	1	0.0	0	7,169	*	0
4800 MARKETING SYSTEMS	1	0.2	4,925	11,135	*	0
6100 WEEDS	6	0.9	20,730	136,618	*	2,502
6200 SEED RESEARCH	1	0.0	0	917	*	0
6300 BIO CELL SYSTEMS	17	4.1	19,427	434,741	*	9,107
6400 EXP DESIGN/STAT METH	4	0.2	1,297	13,941	*	0
6500 INVERTEBRATES	20	6.5	29,993	477,900	*	0
6600 MICROORGANISMS, VIRUS	17	2.5	28,600	299,038	*	0
6700 PLANTS	35	10.5	111,550	1,343,001	*	140,117
6800 ANIMALS (VERTEBRATES)	25	6.1	52,620	1,000,596	*	124
7000 RSCH EQUIP & TECHNOL	1	0.1	0	16,928	*	0
9900 UNCLASSIFIED	1	1.2	12,131	12,131	*	0
TOTAL	909	239.1	4,470,094	29,463,749	*	770,515

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	38	12.3	124,511	1,072,478	*	10,551
0200 WATER	28	5.7	62,821	439,668	*	10,273
0300 WATERSHEDS RIVER BAS	3	0.7	3,070	37,422	*	0
0400 AIR AND CLIMATE	7	1.2	23,440	62,701	*	125
0600 TIMBER FORST PRODUCT	2	1.0	37,412	100,891	*	0
0700 RANGE	12	3.1	44,595	260,667	*	10,723
1000 FRUIT NUTS DECIDUOUS	2	0.5	6,731	50,847	*	0
1100 POTATOES	9	3.6	67,098	324,742	*	0
1200 VEGETABLES	14	1.6	16,630	150,133	*	36,142
1300 ORNAMENTALS TURF	4	0.8	9,599	60,948	*	0
1400 CORN	15	1.8	35,435	130,698	*	0
1700 WHEAT	57	15.7	205,645	1,440,702	*	85,992
1800 OTHER SMALL GRAINS	41	9.1	142,542	664,389	*	3,693
1900 PASTURE	4	0.3	6,678	23,516	*	0
2000 FORAGE CROPS	20	4.0	71,406	295,824	*	7,491
2300 SOYBEANS	7	0.8	10,958	51,950	*	0
2500 OTHER OILSEED CROPS	29	5.9	47,552	436,540	*	13,033
2700 SUGAR CROPS	7	1.9	17,856	211,417	*	4,350
2800 MISC NEW CROPS	8	0.5	3,989	44,740	*	0
2900 POULTRY	2	0.4	6,064	88,682	*	0
3000 BEEF CATTLE	29	9.0	210,914	699,986	*	0
3100 DAIRY CATTLE	9	1.8	44,449	193,706	*	0
3200 SWINE	14	2.9	43,267	321,015	*	0
3300 SHEEP AND WOOL	13	3.2	43,824	292,145	*	0
3400 OTHER ANIMALS	2	0.0	1,839	5,120	*	0
3600 FARM SUPP & FACILITS	2	1.1	13,207	72,524	*	0
3800 FOOD	2	0.5	1,395	61,365	*	762
3900 HOUSING & EQUIP	7	0.8	9,645	68,522	*	0
4000 PEOPLE AS INDIVIDUAL	6	0.7	14,430	49,723	*	0
4100 FAMILY MEMBERS	1	0.6	0	19,653	*	0
4200 FARM AS BUSINESS	3	0.7	12,468	68,955	*	0
4300 SOC POLIT ORGANIZ	9	2.2	20,331	110,198	*	0
4400 AGRIC ECONOMY U S	2	0.1	4,364	11,759	*	0
4800 MARKETING SYSTEMS	5	0.5	16,473	78,453	*	8,940
6100 WEEDS	1	0.1	0	3,018	*	0
6300 BIO CELL SYSTEMS	15	3.4	37,683	216,462	*	935
6400 EXP DESIGN/STAT METH	3	1.2	5,534	92,472	*	0
6500 INVERTEBRATES	3	0.8	14,262	48,824	*	0
6600 MICROORGANISMS, VIRUS	16	4.5	70,467	275,947	*	4,710
6700 PLANTS	15	3.5	16,883	703,516	*	22,630
6800 ANIMALS (VERTEBRATES)	7	4.5	1,717	443,708	*	3,619
9900 UNCLASSIFIED	1	1.2	0	265,873	*	0
TOTAL	474	114.3	1,527,182	10,051,896	*	223,970

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - OHIO WOOSTEE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	39	7.6	201,901	996,917	*	34,791
0200 WATER	20	2.2	57,299	527,999	*	3,842
0300 WATERSHEDS RIVER BAS	2	0.3	0	111,715	*	0
0400 AIR AND CLIMATE	2	0.0	0	12,314	*	617
0500 RECREATION RESOURCES	5	0.6	8,387	87,966	*	0
0600 TIMBER FORST PRODUCT	25	8.4	211,342	730,526	*	22,165
0800 WILDLIFE AND FISH	4	0.8	0	60,579	*	0
1000 FRUIT NUTS DECIDUCUS	22	5.7	230,122	863,160	*	3,293
1100 POTATOES	9	1.2	37,116	169,352	*	0
1200 VEGETABLES	34	10.4	291,727	1,282,020	*	0
1300 ORNAMENTALS TURF	25	8.5	187,664	1,008,500	*	12,237
1400 CORN	33	8.6	290,896	1,228,756	*	28,400
1700 WHEAT	13	1.3	82,208	313,392	*	1,962
1800 OTHER SMALL GRAINS	3	0.2	12,270	52,407	*	0
1900 PASTURE	4	1.0	32,004	208,007	*	12,252
2000 FORAGE CROPS	10	2.3	75,343	371,146	*	6,126
2300 SOYBEANS	45	9.9	302,509	1,378,167	*	80,834
2600 TOBACCO	1	0.6	0	61,732	*	0
2700 SUGAR CROPS	7	1.1	13,288	133,811	*	0
2900 POULTRY	17	6.6	255,393	1,022,270	*	0
3000 BEEF CATTLE	17	6.7	206,103	1,644,169	*	0
3100 DAIRY CATTLE	29	9.9	382,751	1,688,666	*	19,087
3200 SWINE	18	8.4	253,972	1,356,972	*	15,881
3300 SHEEP AND WOOL	7	2.9	70,891	599,207	*	1,647
3400 OTHER ANIMALS	3	0.3	5,494	34,573	*	0
3500 BEES AND HONEY	2	0.2	15,538	38,291	*	0
3600 FARM SUPP & FACILITS	5	0.8	9,681	74,309	*	0
3700 CLOTHING & TEXTILES	3	0.7	17,120	51,251	*	0
3800 FOOD	10	1.2	47,033	152,216	*	13,813
3900 HOUSING & EQUIP	3	0.8	21,255	160,226	*	51,866
4000 PEOPLE AS INDIVIDUAL	14	3.3	87,825	298,747	*	0
4100 FAMILY MEMBERS	10	3.0	58,771	236,083	*	13,813
4200 FARM AS BUSINESS	4	0.8	18,786	71,803	*	0
4300 SOC POLIT ORGANIZ	11	2.4	84,254	220,974	*	0
4400 AGRIC ECONOMY U S	1	0.2	2,946	13,395	*	0
4700 OTH MARKET PROCESS	2	0.3	2,497	18,711	*	0
4800 MARKETING SYSTEMS	5	0.7	26,661	74,573	*	0
6500 INVERTEBRATES	3	1.0	31,946	94,633	*	0
6600 MICROORGANISMS, VIRUS	1	0.1	3,566	10,439	*	0
6700 PLANTS	7	1.8	53,809	201,155	*	13,556
6800 ANIMALS (VERTEBRATES)	2	0.9	26,084	81,417	*	929
7000 RSCH EQUIP & TECHNOL	2	0.1	722	33,461	*	0
9900 UNCLASSIFIED	1	0.0	0	1,682,429	*	0
TOTAL	480	123.7	3,717,171	19,458,434	*	337,113

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	1.6	32,456	153,422	*	0
0200 WATER	12	2.8	26,941	323,929	*	0
0300 WATERSHEDS RIVER BAS	2	0.5	5,836	53,721	*	0
0500 RECREATION RESOURCES	2	0.2	0	30,974	*	5,955
0600 TIMBER FORST PRODUCT	16	4.0	123,901	294,057	*	5,051
0700 RANGE	7	1.9	7,886	179,417	*	0
0800 WILDLIFE AND FISH	1	0.1	2,288	5,839	*	0
1000 FRUIT NUTS DECIDUCUS	6	0.7	3,077	67,177	*	0
1200 VEGETABLES	4	0.9	0	91,943	*	0
1300 ORNAMENTALS TURF	9	1.8	10,249	211,185	*	0
1400 CORN	5	0.8	7,517	82,221	*	0
1500 GRAIN SORGHUM	17	2.0	76,245	287,988	*	0
1700 WHEAT	27	4.5	104,292	614,258	*	0
1800 OTHER SMALL GRAINS	10	1.6	39,580	132,552	*	0
1900 PASTURE	8	1.3	36,402	145,327	*	0
2000 FORAGE CROPS	21	6.3	254,408	577,043	*	31,893
2100 COTTON	13	3.2	159,519	329,263	*	0
2300 SOYBEANS	6	1.0	23,834	103,449	*	0
2400 PEANUTS	11	1.9	17,406	315,892	*	2,571
2800 MISC NEW CROPS	2	0.3	0	23,586	*	0
2900 POULTRY	1	0.0	0	2,135	*	0
3000 BEEF CATTLE	41	9.4	265,908	1,454,678	*	23,267
3100 DAIRY CATTLE	15	2.5	40,040	205,347	*	471
3200 SWINE	5	1.0	110,296	311,212	*	0
3300 SHEEP AND WOOL	5	0.9	18,687	116,340	*	145
3400 OTHER ANIMALS	4	0.2	13,579	15,407	*	145
3600 FARM SUPP & FACILITS	4	1.3	19,805	85,987	*	0
3800 FOOD	3	1.0	5,292	110,490	*	0
3900 HOUSING & EQUIP	4	0.5	0	42,942	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.5	9,186	43,684	*	0
4200 FARM AS BUSINESS	13	4.4	134,856	272,560	*	70,291
4300 SOC POLIT ORGANIZ	5	1.0	36,712	53,224	*	546
4400 AGRIC ECONOMY U S	4	1.4	42,679	69,596	*	2,426
4700 OTH MARKET PROCESS	1	0.2	13,322	25,035	*	23
4800 MARKETING SYSTEMS	4	0.9	11,782	121,675	*	72,918
6100 WEEDS	1	0.1	15,035	25,451	*	0
6300 BIO CELL SYSTEMS	5	3.2	28,403	309,684	*	0
6500 INVERTEBRATES	4	1.3	0	109,200	*	0
6600 MICROORGANISMS, VIRUS	1	0.2	0	9,768	*	0
6700 PLANTS	11	1.7	16,566	108,883	*	426
6800 ANIMALS (VERTEBRATES)	8	2.0	41,224	139,173	*	32
6900 RESEARCH ON RSCH MGM	1	0.2	0	7,121	*	0
9900 UNCLASSIFIED	3	14.2	341,223	341,749	*	0
TOTAL	335	86.0	2,096,431	8,004,585	*	216,158

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - OREGON

CORVALLIS

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA COM/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	24	5.7	38,929	1,200,567	*	72,099
0200 WATER	10	3.5	26,048	663,791	*	0
0300 WATERSHEDS RIVER BAS	1	0.8	0	106,654	*	0
0400 AIR AND CLIMATE	2	1.8	0	477,356	*	0
0500 RECREATION RESOURCES	1	0.6	25,204	112,036	*	0
0600 TIMBER FORST PRODUCT	13	3.8	36,504	287,603	*	0
0700 RANGE	12	3.8	16,107	341,205	*	8,372
0800 WILDLIFE AND FISH	37	8.0	39,235	993,705	*	0
1000 FRUIT NUTS DECIDUOUS	41	18.2	214,012	1,453,308	*	0
1100 POTATOES	15	2.2	10,818	252,011	*	8,216
1200 VEGETABLES	32	9.2	132,049	751,797	*	0
1300 ORNAMENTALS TURF	17	4.4	47,678	334,231	*	0
1400 CORN	5	0.6	0	49,667	*	0
1700 WHEAT	24	9.6	49,480	641,242	*	16,431
1800 OTHER SMALL GRAINS	16	3.6	12,121	361,176	*	0
1900 PASTURE	6	0.8	1,498	85,622	*	0
2000 FORAGE CROPS	30	8.3	68,755	740,175	*	0
2300 SOYBEANS	1	0.2	0	36,088	*	26,929
2800 MISC NEW CROPS	11	1.2	60,547	306,430	*	0
2900 POULTRY	12	4.6	161,037	521,545	*	0
3000 BEEF CATTLE	32	11.8	187,332	1,246,806	*	43,956
3100 DAIRY CATTLE	12	3.8	64,640	650,733	*	0
3200 SWINE	9	1.5	20,042	298,432	*	0
3300 SHEEP AND WOOL	14	3.1	52,293	500,620	*	0
3400 OTHER ANIMALS	11	2.3	30,062	239,088	*	18,820
3500 BEES AND HONEY	3	1.4	41,338	127,458	*	35,630
3600 FARM SUPP & FACILITS	1	0.3	1,662	3,454	*	0
3800 FOOD	14	7.7	135,052	1,150,990	*	0
3900 HOUSING & EQUIP	2	0.1	0	3,301	*	0
4000 PEOPLE AS INDIVIDUAL	15	2.7	58,764	266,952	*	50,458
4100 FAMILY MEMBERS	6	0.7	19,602	56,651	*	15,105
4200 FARM AS BUSINESS	2	0.5	0	45,031	*	0
4300 SOC POLIT ORGANIZ	9	2.7	33,004	269,508	*	81,533
4400 AGRIC ECONOMY U S	1	0.5	0	37,483	*	0
4600 FARM COOPERATIVES	1	0.0	1,192	5,047	*	0
6100 WEEDS	2	0.5	16,011	41,735	*	0
6200 SEED RESEARCH	1	0.3	0	26,603	*	0
6300 BIO CELL SYSTEMS	4	1.6	0	160,081	*	0
6400 EXP DESIGN/STAT METH	3	0.1	3,427	111,468	*	0
6500 INVERTEBRATES	4	2.5	49,856	182,452	*	0
6600 MICROORGANISMS, VIRUS	6	2.8	31,048	420,778	*	0
6700 PLANTS	16	3.6	33,568	584,511	*	0
6800 ANIMALS (VERTEBRATES)	9	5.2	1,406	626,085	*	0
6900 RESEARCH ON RSCH MGM	1	0.1	2,161	5,416	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	17,726	*	0
TOTAL	489	146.8	1,722,483	16,794,615	*	377,549

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - PENNSYLVANIA

COLLEGE PARK

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA COM/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	19	6.8	282,686	636,472	*	47,205
0200 WATER	7	1.7	33,034	97,764	*	8,093
0300 WATERSHEDS RIVER BAS	3	0.4	29,261	49,564	*	0
0400 AIR AND CLIMATE	1	0.0	927	3,129	*	0
0500 RECREATION RESOURCES	3	0.8	12,719	96,221	*	17,675
0600 TIMBER FORST PRODUCT	28	6.2	262,449	476,366	*	2,910
0800 WILDLIFE AND FISH	14	2.8	68,010	337,005	*	15,569
1000 FRUIT NUTS DECIDUOUS	28	12.3	298,059	1,127,008	*	83,091
1100 POTATOES	7	1.4	72,728	355,398	*	17,110
1200 VEGETABLES	21	6.9	200,616	595,713	*	10,621
1300 ORNAMENTALS TURF	29	7.3	177,189	621,888	*	68,711
1400 CORN	17	5.0	146,401	409,360	*	29,306
1700 WHEAT	7	2.2	48,501	184,304	*	47,315
1800 OTHER SMALL GRAINS	5	1.4	43,620	104,159	*	18,222
1900 PASTURE	1	0.1	924	13,389	*	0
2000 FORAGE CROPS	26	9.4	269,789	809,560	*	138,311
2600 TOBACCO	3	0.6	8,456	26,308	*	0
2900 POULTRY	18	10.2	344,638	1,017,353	*	24,715
3000 BEEF CATTLE	19	3.7	133,990	518,254	*	13,947
3100 DAIRY CATTLE	30	9.3	442,434	1,157,902	*	7,482
3200 SWINE	10	2.4	110,022	254,885	*	0
3300 SHEEP AND WOOL	7	1.0	32,263	127,656	*	22,118
3400 OTHER ANIMALS	8	1.4	56,129	143,983	*	119
3500 BEES AND HONEY	2	0.6	7,612	38,897	*	0
3600 FARM SUPP & FACILITS	4	0.3	2,380	33,905	*	7,738
3800 FOOD	12	2.5	139,578	321,627	*	8,693
3900 HOUSING & EQUIP	3	1.9	60,798	279,436	*	85,423
4000 PEOPLE AS INDIVIDUAL	12	3.9	97,444	219,785	*	5,259
4100 FAMILY MEMBERS	1	0.9	23,598	90,387	*	0
4200 FARM AS BUSINESS	3	1.9	26,273	134,684	*	312
4300 SOC POLIT ORGANIZ	12	8.2	199,865	484,298	*	63,850
4400 AGRIC ECONOMY U S	1	0.3	11,901	17,840	*	0
4500 AGRIC ECONOMY FORGN	1	5.4	0	48,715	*	0
4700 OTH MARKET PROCESS	1	1.0	22,095	74,091	*	40,276
4800 MARKETING SYSTEMS	2	3.3	78,958	243,380	*	2,693
6100 WEEDS	1	0.3	19,520	25,732	*	0
6200 SEED RESEARCH	1	0.2	13,687	40,000	*	0
6300 BIO CELL SYSTEMS	5	0.8	44,243	64,771	*	0
6500 INVERTEBRATES	4	2.0	38,689	141,321	*	25,523
6600 MICROORGANISMS, VIRUS	8	1.3	55,406	100,526	*	0
6700 PLANTS	23	5.4	124,708	618,631	*	351,654
6800 ANIMALS (VERTEBRATES)	11	0.7	49,861	284,178	*	161,115
7000 RSCH EQUIP & TECHNOL	6	1.2	37,040	71,896	*	3,072
9900 UNCLASSIFIED	1	0.6	0	82,699	*	2,433
TOTAL	425	136.0	4,128,500	12,580,441	*	1,330,560

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	5	2.0	14,818	148,146	*	0
0200 WATER	3	1.9	64,444	216,426	*	0
0400 AIR AND CLIMATE	1	0.4	0	20,851	*	0
0800 WILDLIFE AND FISH	1	0.1	31,504	67,154	*	0
0900 CITRUS SUB TROP FRUT	32	17.9	447,676	1,269,123	*	1,468
1100 POTATOES	1	0.2	0	6,548	*	0
1200 VEGETABLES	38	25.6	560,928	1,965,925	*	1,881
1300 ORNAMENTALS TURF	7	2.1	71,607	170,625	*	0
1400 CORN	2	0.6	18,447	71,357	*	0
1500 GRAIN SORGHUM	1	0.4	18,447	41,387	*	0
1600 RICE	1	0.6	0	74,924	*	0
1900 PASTURE	6	2.6	88,686	320,509	*	551
2000 FORAGE CROPS	7	3.5	108,147	573,498	*	0
2300 SOYBEANS	2	0.6	18,447	71,357	*	0
2600 TOBACCO	5	0.3	11,552	30,306	*	0
2700 SUGAR CROPS	24	16.7	489,099	1,626,337	*	688
2800 MISC NEW CROPS	12	4.7	138,443	405,301	*	0
2900 POULTRY	3	1.2	18,015	75,708	*	0
3000 BEEF CATTLE	4	1.2	55,560	168,407	*	11,398
3100 DAIRY CATTLE	5	3.2	137,753	427,937	*	0
3200 SWINE	1	0.2	12,010	32,606	*	0
3800 FOOD	3	4.2	222,909	504,430	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.2	52,908	112,866	*	0
4100 FAMILY MEMBERS	1	0.4	15,401	28,893	*	0
4200 FARM AS BUSINESS	3	4.0	99,157	228,188	*	0
4300 SOC POLIT ORGANIZ	2	0.9	31,749	62,556	*	0
6500 INVERTEBRATES	2	0.9	0	64,467	*	0
6700 PLANTS	3	2.9	56,841	176,768	*	0
9900 UNCLASSIFIED	1	1.3	0	121,785	*	13,427
TOTAL	179	101.8	2,784,547	9,084,385	*	29,413

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	1.1	39,925	177,623	*	0
0200 WATER	7	1.6	25,775	154,555	*	0
0400 AIR AND CLIMATE	2	0.2	435	42,736	*	0
0500 RECREATION RESOURCES	3	1.8	32,252	130,408	*	0
0600 TIMBER FORST PRODUCT	4	1.9	127,346	163,596	*	0
0800 WILDLIFE AND FISH	17	6.5	118,618	624,501	*	0
0900 CITRUS SUB TROP FRUT	2	0.3	10,980	31,276	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.4	25,405	59,324	*	0
1100 POTATOES	1	0.8	27,301	97,144	*	0
1200 VEGETABLES	4	1.0	40,341	74,013	*	0
1300 ORNAMENTALS TURF	9	5.4	176,870	386,022	*	0
2000 FORAGE CROPS	1	0.5	24,250	98,406	*	0
2900 POULTRY	3	0.9	46,676	97,407	*	0
3100 DAIRY CATTLE	3	0.3	1,092	13,552	*	0
3400 OTHER ANIMALS	2	0.4	14,523	31,405	*	0
3800 FOOD	4	2.1	36,404	169,482	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.8	19,345	47,219	*	0
4200 FARM AS BUSINESS	1	0.3	0	12,286	*	0
4300 SOC POLIT ORGANIZ	1	0.3	33,533	38,028	*	0
4400 AGRIC ECONOMY U S	1	0.5	1,220	1,220	*	0
6400 EXP DESIGN/STAT METH	1	0.4	969	32,355	*	0
6500 INVERTEBRATES	1	0.1	2,752	2,752	*	0
6700 PLANTS	3	1.2	31,048	84,145	*	0
6800 ANIMALS (VERTEBRATES)	2	0.0	1,814	1,971	*	0
9900 UNCLASSIFIED	2	0.0	236	236	*	0
TOTAL	89	28.7	839,109	2,571,662	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - SOUTH CAROLINA CLEMSON

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	16	2.6	55,126	269,882	*	0
0200 WATER	13	1.1	47,445	126,415	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	20,589	26,370	*	0
0400 AIR AND CLIMATE	1	0.0	349	764	*	0
0600 TIMBER FORST PRODUCT	3	0.4	3,375	30,737	*	0
0800 WILDLIFE AND FISH	7	2.7	44,056	211,567	*	0
1000 FRUIT NUTS DECIDUCUS	32	10.4	182,844	889,552	*	0
1200 VEGETABLES	26	10.8	137,333	975,819	*	0
1300 ORNAMENTALS TURF	15	4.2	87,043	402,076	*	0
1400 CORN	23	3.9	49,976	315,157	*	0
1500 GRAIN SORGHUM	1	0.2	0	16,487	*	0
1700 WHEAT	5	0.6	16,061	87,777	*	0
1800 OTHER SMALL GRAINS	4	0.4	12,855	101,774	*	0
1900 PASTURE	2	0.4	19,227	51,808	*	0
2000 FORAGE CROPS	17	6.1	63,037	564,789	*	83,171
2100 COTTON	18	3.8	45,005	351,001	*	0
2300 SOYBEANS	41	12.9	241,036	1,162,199	*	13,121
2400 PEANUTS	7	0.1	11,857	42,630	*	0
2500 OTHER OILSEED CROPS	2	0.1	304	7,112	*	0
2600 TOBACCO	13	4.4	11,697	495,214	*	0
2700 SUGAR CROPS	1	0.0	649	1,386	*	0
2800 MISC NEW CROPS	1	0.0	0	7,245	*	0
2900 POULTRY	22	4.5	147,615	596,699	*	25,060
3000 BEEF CATTLE	24	6.1	303,442	1,065,463	*	0
3100 DAIRY CATTLE	28	5.5	225,766	1,108,938	*	0
3200 SWINE	19	2.8	84,957	386,886	*	0
3300 SHEEP AND WOOL	4	0.4	33,100	96,606	*	0
3400 OTHER ANIMALS	9	0.9	15,749	132,231	*	0
3700 CLOTHING & TEXTILES	2	0.0	6,161	8,349	*	0
3800 FOOD	12	1.1	66,982	169,989	*	0
3900 HOUSING & EQUIP	9	1.7	39,173	144,396	*	0
4000 PEOPLE AS INDIVIDUAL	11	1.6	55,748	132,683	*	0
4100 FAMILY MEMBERS	2	0.2	7,135	17,080	*	0
4200 FARM AS BUSINESS	8	2.1	49,572	141,096	*	0
4300 SOC POLIT ORGANIZ	7	1.6	42,957	109,640	*	0
4400 AGRIC ECONOMY U S	2	0.3	5,708	20,872	*	0
4600 FARM COOPERATIVES	1	0.1	5,895	7,489	*	0
4700 OTH MARKET PROCES	2	0.3	5,259	43,388	*	0
4800 MARKETING SYSTEMS	1	0.2	0	30,023	*	0
6100 WEEDS	1	0.0	0	1,154	*	0
6300 BIO CELL SYSTEMS	1	0.1	1,823	2,212	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	104,456	*	0
6500 INVERTEBRATES	7	1.2	16,117	86,850	*	0
6600 MICROORGANISMS, VIRUS	2	0.0	1,192	3,747	*	0
6700 PLANTS	10	1.3	20,716	169,238	*	17,163
6800 ANIMALS (VERTEBRATES)	6	0.4	0	54,196	*	1,292
7000 RSCH EQUIP & TECHNOL	1	0.0	0	641	*	0
TOTAL	442	98.8	2,184,931	10,772,082	*	139,807

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - SOUTH DAKOTA

BROOKINGS

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	3.7	94,291	294,776	*	48,092
0200 WATER	10	4.2	54,200	173,852	*	0
0400 AIR AND CLIMATE	2	0.7	11,675	28,201	*	0
0500 RECREATION RESOURCES	1	0.4	1,773	24,243	*	0
0600 TIMBER FORST PRODUCT	10	2.8	54,745	140,022	*	0
0700 RANGE	6	3.2	18,448	158,540	*	44,405
0800 WILDLIFE AND FISH	11	2.2	14,548	167,636	*	0
1000 FRUIT NUTS DECIDUCUS	3	0.8	46,248	60,971	*	0
1100 POTATOES	1	0.1	5,232	7,898	*	0
1200 VEGETABLES	3	0.7	36,052	57,420	*	0
1300 ORNAMENTALS TURF	4	0.4	3,400	28,536	*	0
1400 CORN	9	2.7	51,291	205,554	*	264
1500 GRAIN SORGHUM	1	0.1	3,120	5,044	*	0
1700 WHEAT	12	4.5	127,405	260,937	*	243
1800 OTHER SMALL GRAINS	11	3.1	71,968	303,309	*	101
1900 PASTURE	1	0.1	1,080	9,004	*	101
2000 FORAGE CROPS	14	6.0	109,968	349,033	*	103,480
2300 SOYBEANS	8	0.8	12,974	75,797	*	1,948
2500 OTHER OILSEED CROPS	5	1.7	46,814	92,395	*	3,289
2800 MISC NEW CROPS	2	0.3	0	29,254	*	0
2900 POULTRY	6	2.8	52,769	122,219	*	0
3000 BEEF CATTLE	25	16.7	266,872	873,257	*	269,048
3100 DAIRY CATTLE	10	4.1	132,321	274,834	*	0
3200 SWINE	14	6.5	197,535	396,449	*	17,602
3300 SHEEP AND WOOL	11	2.6	71,797	143,248	*	0
3400 OTHER ANIMALS	3	0.3	0	28,245	*	0
3600 FARM SUPP & FACILITS	2	1.2	13,688	19,562	*	0
3700 CLOTHING & TEXTILES	4	1.8	34,308	67,333	*	0
3800 FOOD	2	0.5	5,126	5,419	*	0
3900 HOUSING & EQUIP	5	1.8	11,145	76,167	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.6	5,961	22,428	*	0
4200 FARM AS BUSINESS	4	3.1	3,129	55,414	*	0
4300 SOC POLIT ORGANIZ	9	3.2	32,279	118,617	*	0
4800 MARKETING SYSTEMS	2	0.8	6,025	21,146	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	2,251	*	1,644
6600 MICROORGANISMS, VIRUS	2	0.4	5,250	19,497	*	0
6700 PLANTS	4	3.9	0	193,620	*	0
6800 ANIMALS (VERTEBRATES)	2	0.1	0	9,091	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	12,852	*	0
9900 UNCLASSIFIED	1	15.2	0	1,511,941	*	0
TOTAL	235	105.5	1,603,434	6,446,011	*	490,218

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - TENNESSEE

KNOXVILLE

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG PED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	4.0	137,785	324,252	*	2,133
0200 WATER	4	0.5	19,444	71,243	*	0
0300 WATERSHEDS RIVER BAS	4	1.0	41,812	102,851	*	0
0400 AIR AND CLIMATE	1	0.2	10,023	29,314	*	0
0500 RECREATION RESOURCES	2	0.6	14,262	44,301	*	630
0600 TIMBER FORST PRODUCT	17	5.8	206,983	567,888	*	13,559
0800 WILDLIFE AND FISH	6	2.7	77,161	310,579	*	11,543
1000 FRUIT NUTS DECIDUCUS	5	2.2	45,133	152,054	*	0
1100 POTATOES	1	0.0	0	1,227	*	0
1200 VEGETABLES	12	6.3	165,724	457,251	*	0
1300 ORNAMENTALS TURF	10	6.1	154,956	505,403	*	0
1400 CORN	15	5.0	161,675	409,098	*	0
1500 GRAIN SORGHUM	1	0.4	4,000	29,229	*	0
1700 WHEAT	5	1.4	37,446	120,555	*	0
1800 OTHER SMALL GRAINS	4	1.2	36,284	107,788	*	0
1900 PASTURE	2	0.1	1,107	10,237	*	0
2000 FORAGE CROPS	9	4.2	128,087	365,181	*	0
2100 COTTON	16	6.6	160,256	562,927	*	0
2200 COTTONSEED	2	0.2	13,597	21,670	*	0
2300 SOYBEANS	20	7.4	236,809	657,582	*	32,311
2400 PEANUTS	1	0.1	3,925	8,982	*	0
2500 OTHER OILSEED CROPS	1	0.1	3,925	8,982	*	0
2600 TOBACCO	7	4.0	107,490	471,016	*	0
2700 SUGAR CROPS	1	0.2	3,797	10,080	*	0
2800 MISC NEW CROPS	1	0.3	9,227	14,978	*	0
2900 POULTRY	8	2.0	84,076	236,542	*	0
3000 BEEF CATTLE	33	18.0	410,368	3,060,256	*	605
3100 DAIRY CATTLE	15	8.8	193,739	1,959,201	*	605
3200 SWINE	19	10.7	178,183	1,311,373	*	0
3300 SHEEP AND WOOL	4	0.4	23,486	73,350	*	0
3400 OTHER ANIMALS	3	1.6	11,087	182,697	*	0
3700 CLOTHING & TEXTILES	1	0.2	16,826	27,039	*	0
3800 FOOD	11	4.2	161,952	310,434	*	0
3900 HOUSING & EQUIP	1	0.8	28,237	47,476	*	0
4000 PEOPLE AS INDIVIDUAL	13	4.7	171,119	287,446	*	0
4100 FAMILY MEMBERS	4	1.2	34,757	57,769	*	0
4200 FARM AS BUSINESS	5	1.5	48,426	75,119	*	0
4300 SOC POLIT ORGANIZ	4	1.6	67,599	103,621	*	0
4400 AGRIC ECONOMY U S	1	0.1	2,413	3,558	*	0
4600 FARM COOPERATIVES	1	0.4	9,006	14,473	*	0
4800 MARKETING SYSTEMS	1	0.1	2,528	5,191	*	0
6100 WEEDS	2	0.3	15,000	28,473	*	0
6600 MICROORGANISMS,VIRUS	1	0.7	19,542	41,062	*	0
6700 PLANTS	4	1.0	2,233	149,018	*	7,525
6800 ANIMALS (VERTEBRATES)	3	0.0	2,233	5,579	*	566
9900 UNCLASSIFIED	1	0.0	0	358,400	*	0
TOTAL	291	118.7	3,263,717	13,702,744	*	69,476

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - TEXAS COLLEGE STATION SAEs

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAEs AMOUNT 1979
0100 SOIL AND LAND	43	9.2	123,431	1,059,508	*	38,146
0200 WATER	39	9.9	152,136	928,018	*	30,472
0300 WATERSHEDS RIVER BAS	6	0.7	20,707	104,098	*	3,361
0400 AIR AND CLIMATE	6	1.1	13,383	85,272	*	2,137
0500 RECREATION RESOURCES	9	4.6	40,189	236,120	*	474
0600 TIMBER FORST PRODUCT	26	6.0	142,226	1,224,546	*	33,675
0700 RANGE	35	10.0	140,668	1,329,678	*	125,986
0800 WILDLIFE AND FISH	39	10.0	156,759	1,429,380	*	15,565
0900 CITRUS SUB TROP FEUT	12	4.1	46,869	311,093	*	5,777
1000 FRUIT NUTS DECIDUCUS	29	6.8	122,293	840,771	*	546
1100 POTATOES	4	1.0	19,517	115,199	*	0
1200 VEGETABLES	40	12.4	211,469	1,350,066	*	29,789
1300 ORNAMENTALS TURF	17	6.1	74,471	496,629	*	0
1400 CORN	22	2.4	43,453	314,503	*	15,921
1500 GRAIN SORGHUM	52	12.4	205,851	1,234,541	*	22,636
1600 RICE	17	5.1	80,238	547,566	*	5,653
1700 WHEAT	20	4.9	75,441	455,373	*	21,647
1800 OTHER SMALL GRAINS	14	3.4	31,031	254,359	*	0
1900 PASTURE	12	3.3	46,677	329,240	*	0
2000 FORAGE CROPS	37	11.5	161,025	1,099,549	*	1,655
2100 COTTON	54	17.4	392,838	2,086,281	*	56,391
2200 COTTONSEED	8	0.9	4,458	143,505	*	0
2300 SOYBEANS	21	5.7	80,440	518,773	*	4,004
2400 PEANUTS	26	7.7	102,141	976,728	*	29,236
2500 OTHER OILSEED CROPS	7	1.2	49,381	321,373	*	0
2700 SUGAR CROPS	10	3.8	54,672	538,356	*	645
2800 MISC NEW CROPS	5	0.3	17,540	69,857	*	12,825
2900 POULTRY	24	9.9	57,710	1,264,350	*	21,494
3000 BEEF CATTLE	78	21.4	753,229	3,827,540	*	301,311
3100 DAIRY CATTLE	30	7.2	110,453	594,855	*	51,733
3200 SWINE	9	0.7	10,624	141,649	*	0
3300 SHEEP AND WOOL	26	3.2	67,415	493,164	*	33,240
3400 OTHER ANIMALS	23	2.7	78,887	483,920	*	51,406
3600 FARM SUPP & FACILITS	4	0.3	4,673	106,014	*	16,197
3800 FOOD	14	5.0	45,633	298,923	*	1,710
3900 HOUSING & EQUIP	7	1.1	12,695	93,554	*	5,403
4000 PEOPLE AS INDIVIDUAL	15	2.5	115,889	342,226	*	11,463
4100 FAMILY MEMBERS	4	0.5	23,825	63,520	*	1,282
4200 FARM AS BUSINESS	10	2.2	41,520	157,854	*	9,993
4300 SOC POLIT ORGANIZ	12	1.3	46,230	221,111	*	0
4400 AGRIC ECONOMY U S	4	0.6	17,186	81,634	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	5,298	*	0
4600 FARM COOPERATIVES	2	0.1	957	26,322	*	6,824
4700 OTH MARKET PROCESS	2	0.0	1,109	15,995	*	11,867
4800 MARKETING SYSTEMS	5	1.3	11,002	187,778	*	74,816
6100 WEEDS	1	0.2	987	10,215	*	0
6200 SEED RESEARCH	3	0.8	3,606	49,850	*	37
6300 BIO CELL SYSTEMS	7	0.8	4,604	146,037	*	0
6400 EXP DESIGN/STAT METH	1	0.2	1,987	10,199	*	0
6500 INVERTEBRATES	4	0.8	10,000	164,446	*	0
6600 MICROORGANISMS,VIBUS	3	2.3	6,119	100,860	*	0
6700 PLANTS	16	4.4	89,170	608,288	*	15,392
6800 ANIMALS (VERTEBRATES)	7	1.0	5,657	81,167	*	1,810
7000 RSCH EQUIP & TECHNOL	3	0.1	6,181	12,793	*	0
9900 UNCLASSIFIED	2	16.8	60,132	1,056,852	*	0
TOTAL	929	248.9	4,196,787	29,046,796	*	1,072,518

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - UTAH LOGAN SAEs

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAEs AMOUNT 1979
0100 SOIL AND LAND	11	4.9	86,364	333,107	*	45,304
0200 WATER	11	2.8	59,527	312,840	*	0
0300 WATERSHEDS RIVER BAS	3	0.7	11,145	76,137	*	325
0400 AIR AND CLIMATE	3	0.7	18,163	59,828	*	10,546
0500 RECREATION RESOURCES	3	1.3	34,258	71,729	*	0
0600 TIMBER FORST PRODUCT	6	1.2	26,119	75,839	*	27,842
0700 RANGE	20	4.0	58,316	537,749	*	2,388
0800 WILDLIFE AND FISH	1	0.0	0	3,000	*	3,000
1000 FRUIT NUTS DECIDUCUS	12	3.3	57,245	190,470	*	0
1100 POTATOES	3	0.6	11,666	32,482	*	0
1200 VEGETABLES	11	1.8	51,056	135,496	*	9,723
1300 ORNAMENTALS TURF	1	0.2	0	75,645	*	839
1400 CORN	2	0.2	4,937	13,965	*	3
1700 WHEAT	9	2.1	33,053	234,098	*	3
1800 OTHER SMALL GRAINS	6	1.5	9,874	113,758	*	0
2000 FORAGE CROPS	17	2.8	61,860	241,311	*	11,589
2700 SUGAR CROPS	5	0.0	1,240	23,377	*	14,315
2900 POULTRY	7	3.9	78,804	233,934	*	0
3000 BEEF CATTLE	15	6.1	143,331	1,196,587	*	59,932
3100 DAIRY CATTLE	20	6.8	113,685	820,549	*	7,492
3200 SWINE	2	0.2	1,967	22,453	*	7,492
3300 SHEEP AND WOOL	10	5.9	75,909	503,617	*	6,184
3400 OTHER ANIMALS	7	2.8	35,259	187,068	*	847
3500 BEES AND HONEY	3	0.1	663	15,974	*	2,705
3800 FOOD	6	0.7	18,431	165,763	*	0
3900 HOUSING & EQUIP	1	0.3	0	17,493	*	0
4000 PEOPLE AS INDIVIDUAL	8	1.7	24,319	191,307	*	0
4100 FAMILY MEMBERS	3	0.5	20,266	32,187	*	0
4200 FARM AS BUSINESS	4	1.4	0	68,232	*	1,653
4300 SOC POLIT ORGANIZ	7	2.3	56,924	134,539	*	0
4400 AGRIC ECONOMY U S	1	0.1	0	7,487	*	0
6100 WEEDS	1	0.0	0	342	*	0
6300 BIO CELL SYSTEMS	1	0.0	4,013	5,736	*	0
6500 INVERTEBRATES	1	0.8	18,116	35,877	*	0
6600 MICROORGANISMS,VIRUS	1	0.0	4,486	6,747	*	0
6700 PLANTS	16	2.7	52,395	231,685	*	8,869
6800 ANIMALS (VERTEBRATES)	8	4.8	39,915	289,230	*	32,055
7000 RSCH EQUIP & TECHNOL	2	0.6	0	50,229	*	0
9900 UNCLASSIFIED	2	0.4	11,755	20,808	*	0
TOTAL	250	70.1	1,225,063	6,768,676	*	253,106

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - VERMONT					BURLINGTON	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	7	3.3	85,680	194,597	*	40,581
0200 WATER	2	0.8	31,668	43,709	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	10,190	13,938	*	0
0400 ALK AND CLIMATE	1	0.1	5,407	5,407	*	0
0500 RECREATION RESOURCES	1	0.4	19,319	20,919	*	1,600
0600 TIMBER FORST PRODUCT	6	2.1	83,130	177,004	*	6,550
1000 FRUIT NUTS DECIDUCUS	6	2.3	90,368	196,366	*	292
1100 POTATOES	1	0.2	0	21,320	*	195
1200 VEGETABLES	2	0.2	2,258	25,937	*	195
1300 ORNAMENTALS TURP	5	1.6	51,748	96,251	*	292
1700 WHEAT	1	0.4	19,918	31,135	*	0
2000 FORAGE CROPS	2	0.7	32,186	63,262	*	0
2900 POULTRY	4	1.3	45,009	176,018	*	0
3000 BEEF CATTLE	2	0.1	10,662	14,132	*	0
3100 DAIRY CATTLE	16	4.4	152,202	418,449	*	181
3300 SHEEP AND WOOL	3	0.2	5,825	14,387	*	0
3400 OTHER ANIMALS	1	0.1	2,177	12,539	*	0
3600 FARM SUPP & FACILITS	1	0.2	0	7,790	*	6,550
3700 CLOTHING & TEXTILES	1	0.1	768	768	*	0
3800 FOOD	1	1.0	28,579	40,642	*	0
4000 PEOPLE AS INDIVIDUAL	7	3.5	86,509	145,683	*	7,960
4300 SOC POLIT ORGANIZ	2	0.6	21,155	25,382	*	0
6300 BIO CELL SYSTEMS	4	1.8	70,062	129,170	*	0
6600 MICROORGANISMS,VIRUS	1	0.8	25,732	32,287	*	0
6700 PLANTS	4	0.8	30,519	106,771	*	12,964
TOTAL	82	27.2	911,070	2,013,863	*	77,358

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS						SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0800 WILDLIFE AND FISH	3	1.5	56,400	76,584	*	0
0900 CITRUS SUB TROP FRUT	1	0.5	26,248	37,033	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	2,916	4,115	*	0
1200 VEGETABLES	2	1.6	54,944	72,605	*	0
1500 GRAIN SORGHUM	1	0.3	9,978	14,078	*	0
1900 PASTURE	1	0.5	12,280	17,326	*	0
2000 FORAGE CROPS	1	0.3	9,978	14,078	*	0
3000 BEEF CATTLE	1	1.0	38,592	38,592	*	0
6700 PLANTS	1	0.1	0	1,332	*	1,332
TOTAL	12	5.8	211,335	275,742	*	1,332

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - VIRGINIA					BLACKSBURG	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	19	8.1	9,011	1,414,073	*	20,266
0200 WATER	8	1.4	10,401	134,459	*	15,811
0300 WATERSHEDS RIVER BAS	2	1.7	29,131	228,304	*	13,795
0500 RECREATION RESOURCES	2	1.1	28,628	131,231	*	43,902
0600 TIMBER FORST PRODUCT	27	17.1	246,913	2,162,320	*	247,878
0800 WILDLIFE AND FISH	9	2.3	54,516	506,759	*	109,934
1000 FRUIT NUTS DECIDUCUS	20	8.0	110,297	789,213	*	2,948
1200 VEGETABLES	6	2.1	12,868	168,252	*	0
1300 ORNAMENTALS TURP	14	4.8	128,536	484,029	*	802
1400 CORN	16	4.7	85,201	321,305	*	5,110
1500 GRAIN SORGHUM	1	0.0	0	5,818	*	483
1700 WHEAT	4	1.0	49,741	103,014	*	273
1800 OTHER SMALL GRAINS	6	1.5	54,507	126,447	*	273
1900 PASTURE	3	0.6	13,220	78,927	*	6,541
2000 FORAGE CROPS	11	7.7	126,552	547,095	*	37,392
2100 COTTON	2	0.1	335	6,423	*	32
2300 SOYBEANS	17	6.3	135,907	633,755	*	44,251
2400 PEANUTS	8	3.2	56,225	507,542	*	133,638
2600 TOBACCO	17	7.8	63,970	640,483	*	7,042
2800 MISC NEW CROPS	1	0.0	1,489	5,751	*	0
2900 POULTRY	26	9.0	273,322	1,174,852	*	14,974
3000 BEEF CATTLE	35	12.1	358,898	1,285,054	*	21,187
3100 DAIRY CATTLE	30	10.5	306,936	1,157,861	*	12,179
3200 SWINE	15	6.7	67,327	670,813	*	17,827
3300 SHEEP AND WOOL	11	2.0	65,711	282,622	*	0
3400 OTHER ANIMALS	6	1.6	47,910	172,021	*	0
3700 CLOTHING & TEXTILES	1	0.5	27,652	72,111	*	0
3800 FOOD	6	4.1	82,647	370,852	*	37,581
3900 HOUSING & EQUIP	6	4.2	47,492	249,884	*	14,337
4000 PEOPLE AS INDIVIDUAL	16	6.6	148,826	529,294	*	28,610
4100 FAMILY MEMBERS	2	0.8	12,993	28,372	*	0
4200 FARM AS BUSINESS	1	0.4	0	133,032	*	0
4300 SOC POLIT ORGANIZ	3	1.2	55,315	150,059	*	0
4400 AGRIC ECONOMY U S	1	0.3	0	70,952	*	0
4800 MARKETING SYSTEMS	1	0.4	7,089	11,285	*	0
6100 WEEDS	3	0.4	9,579	24,581	*	312
6300 BIO CELL SYSTEMS	6	3.9	61,127	411,487	*	12,113
6500 INVERTEBRATES	3	1.6	41,333	131,425	*	0
6600 MICROORGANISMS,VIRUS	2	10.2	7,995	1,224,981	*	24,400
6700 PLANTS	15	4.5	110,352	424,329	*	5,615
6800 ANIMALS (VERTEBRATES)	5	2.2	30,831	223,353	*	3,737
7000 RSCH EQUIP & TECHNOL	1	0.0	0	5,883	*	0
9900 UNCLASSIFIED	1	2.5	0	171,993	*	0
TOTAL	389	165.1	2,980,780	17,972,294	*	883,240

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	31	10.0	149,532	980,557	*	76,287
0200 WATER	13	3.0	53,051	385,041	*	2,580
0300 WATERSHEDS RIVER EAS	1	0.3	0	22,869	*	0
0400 AIR AND CLIMATE	2	0.3	1,300	15,439	*	4,137
0500 RECREATION RESOURCES	1	0.2	0	12,126	*	0
0600 TIMBER FORST PRODUCT	27	9.1	115,341	1,544,542	*	106,674
0700 RANGE	10	0.7	12,356	136,462	*	13,162
0800 WILDLIFE AND FISH	5	0.9	14,398	103,115	*	10,030
1000 FRUIT NUTS DECIDUOUS	62	22.4	362,507	2,831,336	*	12,121
1100 POTATOES	20	5.8	33,565	780,338	*	7,829
1200 VEGETABLES	53	13.0	225,151	1,626,440	*	43,723
1300 ORNAMENTALS TURF	15	7.2	0	566,421	*	3,020
1400 CORN	2	0.2	0	17,077	*	285
1700 WHEAT	36	7.4	131,902	1,068,303	*	96,803
1800 OTHER SMALL GRAINS	20	2.1	70,171	381,112	*	1,067
1900 PASTURE	1	0.1	0	12,716	*	0
2000 FORAGE CROPS	17	2.4	67,586	354,649	*	45,531
2300 SOYBEANS	4	0.5	0	36,825	*	2,260
2500 OTHER OILSEED CROPS	3	0.2	15,410	29,482	*	0
2700 SUGAR CROPS	4	0.6	0	90,261	*	4,826
2800 MISC NEW CROPS	12	3.3	61,065	458,834	*	38,193
2900 POULTRY	14	4.1	79,280	692,191	*	0
3000 BEEF CATTLE	24	4.9	183,694	981,042	*	10,854
3100 DAIRY CATTLE	20	4.9	112,121	607,631	*	0
3200 SWINE	5	1.1	3,247	256,427	*	0
3300 SHEEP AND WOOL	12	1.9	59,883	231,050	*	2,723
3400 OTHER ANIMALS	3	0.4	645	34,486	*	0
3500 BEES AND HONEY	3	1.0	29,587	75,499	*	1,682
3800 FOOD	10	2.8	45,067	215,960	*	16,640
3900 HOUSING & EQUIP	4	1.0	22,409	147,932	*	0
4000 PEOPLE AS INDIVIDUAL	11	4.3	98,254	205,558	*	1,757
4100 FAMILY MEMBERS	5	1.4	45,234	81,788	*	0
4200 FARM AS BUSINESS	2	1.1	40,419	80,463	*	0
4300 SOC POLIT ORGANIZ	8	0.9	17,745	70,366	*	0
4400 AGRIC ECONOMY U S	3	1.7	47,853	130,730	*	9,759
4600 FARM COOPERATIVES	1	0.2	0	34,068	*	13,484
4800 MARKETING SYSTEMS	1	0.6	0	79,876	*	18,182
6100 WEEDS	6	0.9	716	87,187	*	0
6200 SEED RESEARCH	1	0.3	0	7,217	*	0
6300 BIO CELL SYSTEMS	2	0.7	0	109,701	*	1,847
6400 EXP DESIGN/STAT METH	3	0.1	1,115	19,909	*	5,674
6500 INVERTEBRATES	8	2.2	19,979	212,373	*	24,982
6600 MICROORGANISMS,VIRUS	5	0.4	11,928	51,084	*	1,488
6700 PLANTS	14	3.8	92,734	558,952	*	19,899
6800 ANIMALS(VERTEBRATES)	2	0.2	0	82,691	*	0
7000 RSCH EQUIP & TECHNOL	4	0.9	1,058	63,709	*	0
9900 UNCLASSIFIED	3	1.7	98,129	507,913	*	42,529
TOTAL	513	132.8	2,324,433	17,079,747	*	640,039

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	13	2.9	108,648	306,392	*	0
0200 WATER	3	0.7	31,917	44,507	*	0
0400 AIR AND CLIMATE	1	0.2	16,651	28,561	*	0
0500 RECREATION RESOURCES	6	1.8	43,469	77,060	*	361
0600 TIMBER FORST PRODUCT	19	5.1	220,156	521,075	*	40,235
0700 RANGE	1	0.2	51,387	80,828	*	0
0800 WILDLIFE AND FISH	12	1.6	40,436	144,324	*	4,790
1000 FRUIT NUTS DECIDUCUS	15	3.8	239,582	577,774	*	2,869
1100 POTATOES	3	1.3	86,070	117,550	*	0
1200 VEGETABLES	5	1.3	60,125	106,507	*	86
1300 ORNAMENTALS TURF	5	0.9	48,762	96,270	*	86
1400 CORN	4	0.7	41,889	70,380	*	0
1700 WHEAT	1	0.0	0	7,645	*	0
1800 OTHER SMALL GRAINS	1	0.0	0	7,645	*	0
1900 PASTURE	1	0.6	33,112	53,443	*	0
2000 FORAGE CROPS	8	2.2	79,583	158,067	*	1,272
2900 POULTRY	6	2.0	107,096	221,993	*	0
3000 BEEF CATTLE	11	4.0	329,287	642,364	*	0
3100 DAIRY CATTLE	4	1.2	80,689	201,183	*	0
3300 SHEEP AND WOOL	5	1.2	115,260	235,693	*	0
3800 FOOD	1	0.4	16,915	20,198	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.7	23,281	32,672	*	0
4200 FARM AS BUSINESS	1	0.8	34,700	53,341	*	0
4300 SOC POLIT ORGANIZ	4	1.8	74,291	141,285	*	15,437
4800 MARKETING SYSTEMS	1	0.7	26,753	34,814	*	0
6300 BIO CELL SYSTEMS	1	0.4	27,546	36,276	*	0
6500 INVERTEBRATES	1	0.2	8,073	10,369	*	0
6700 PLANTS	1	0.1	0	8,167	*	0
6800 ANIMALS(VERTEBRATES)	2	0.1	4,529	17,053	*	0
9900 UNCLASSIFIED	1	0.3	0	6,212	*	0
TOTAL	140	37.2	1,950,206	4,059,645	*	65,134

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - WISCONSIN							MADISON	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979		
0100 SOIL AND LAND	41	8.2	187,592	1,162,847	*	26,275		
0200 WATER	14	3.0	48,665	354,261	*	0		
0300 WATERSHEDS RIVER BAS	1	0.1	0	14,915	*	0		
0400 AIR AND CLIMATE	1	0.1	3,790	8,652	*	0		
0500 RECREATION RESOURCES	4	1.4	29,669	119,481	*	0		
0600 TIMBER FORST PRODUCT	31	11.5	348,322	957,669	*	58,161		
0800 WILDLIFE AND FISH	26	4.6	45,973	732,479	*	2,589		
1000 FRUIT NUTS DECIDUCUS	12	2.0	29,832	262,114	*	369		
1100 POTATOES	19	4.7	194,098	669,211	*	0		
1200 VEGETABLES	44	11.2	206,506	1,157,074	*	58,189		
1300 ORNAMENTALS TURF	10	2.1	18,155	179,484	*	0		
1400 CORN	19	3.2	54,957	518,033	*	0		
1700 WHEAT	4	0.4	0	68,750	*	0		
1800 OTHER SMALL GRAINS	11	1.9	29,036	339,657	*	0		
1900 PASTURE	1	0.2	0	22,338	*	0		
2000 FORAGE CROPS	29	6.2	228,220	904,972	*	0		
2300 SOYBEANS	13	2.0	59,446	233,218	*	20,138		
2600 TOBACCO	2	0.4	10,264	28,706	*	1,621		
2800 MISC NEW CROPS	1	0.0	1,345	8,573	*	0		
2900 POULTRY	19	4.0	129,705	669,620	*	22,019		
3000 BEEF CATTLE	18	3.5	168,505	722,749	*	20,882		
3100 DAIRY CATTLE	50	10.9	453,439	2,797,514	*	67,379		
3200 SWINE	21	3.8	134,997	670,582	*	26,865		
3300 SHEEP AND WOOL	6	0.7	35,039	234,804	*	3,060		
3400 OTHER ANIMALS	8	1.4	7,295	556,094	*	0		
3500 BEES AND HONEY	4	2.2	0	202,433	*	0		
3700 CLOTHING & TEXTILES	1	0.4	6,550	6,655	*	0		
3800 FOOD	26	6.9	84,527	1,182,685	*	5,748		
3900 HOUSING & EQUIP	1	0.3	0	19,103	*	5,699		
4000 PEOPLE AS INDIVIDUAL	31	10.4	123,640	1,097,220	*	502		
4100 FAMILY MEMBERS	6	1.1	37,060	78,857	*	0		
4200 FARM AS BUSINESS	4	0.8	19,495	77,095	*	594		
4300 SOC POLIT ORGANIZ	17	4.2	79,770	332,828	*	0		
4400 AGRIC ECONOMY U S	3	0.5	17,294	119,060	*	34,614		
4500 AGRIC ECONOMY FORGN	1	0.1	0	6,258	*	0		
4600 FARM COOPERATIVES	5	0.4	19,575	65,852	*	15,581		
4700 OTH MARKET PROCESS	1	0.6	10,475	32,530	*	0		
4800 MARKETING SYSTEMS	6	1.0	29,064	102,476	*	10,342		
6100 WEEDS	1	0.0	0	525	*	0		
6200 SEED RESEARCH	1	0.2	12,214	54,055	*	0		
6300 BIO CELL SYSTEMS	17	6.8	16,204	1,348,564	*	0		
6500 INVERTEBRATES	7	2.4	42,777	230,010	*	0		
6600 MICROORGANISMS, VIRUS	23	8.9	54,221	1,980,542	*	87,401		
6700 PLANTS	14	3.9	82,228	525,089	*	29,068		
6800 ANIMALS (VERTEBRATES)	22	3.0	78,684	791,633	*	22,193		
7000 RSCH EQUIP & TECHNOL	1	0.1	10,111	16,211	*	0		
9900 UNCLASSIFIED	1	7.3	221,746	2,443,501	*	297,165		
TOTAL	598	149.0	3,370,484	24,106,977	*	816,454		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - WYOMING							LARAMIE	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979		
0100 SOIL AND LAND	8	1.2	27,398	69,088	*	4,900		
0200 WATER	8	2.6	57,342	132,774	*	2,100		
0300 WATERSHEDS RIVER BAS	2	0.2	5,895	7,335	*	0		
0400 AIR AND CLIMATE	2	0.2	10,815	14,006	*	0		
0600 TIMBER FORST PRODUCT	3	2.3	77,057	96,260	*	0		
0700 RANGE	13	3.7	27,011	250,321	*	20,300		
0800 WILDLIFE AND FISH	1	0.1	3,639	5,180	*	0		
1100 POTATOES	1	0.3	7,768	20,790	*	0		
1200 VEGETABLES	2	0.2	0	22,684	*	0		
1300 ORNAMENTALS TURF	1	0.1	1,279	4,169	*	0		
1400 CORN	5	0.4	4,780	47,613	*	0		
1700 WHEAT	5	1.3	24,850	100,907	*	0		
1800 OTHER SMALL GRAINS	7	1.2	17,682	92,663	*	2,900		
1900 PASTURE	1	0.1	1,443	5,018	*	0		
2000 FORAGE CROPS	12	3.5	98,852	254,304	*	5,800		
2500 OTHER OILSEED CROPS	1	0.0	0	989	*	0		
2700 SUGAR CROPS	6	1.2	30,555	93,965	*	0		
2900 POULTRY	1	0.2	14,920	28,369	*	0		
3000 BEEF CATTLE	20	8.3	298,301	604,736	*	113		
3100 DAIRY CATTLE	6	1.1	34,170	146,792	*	0		
3300 SHEEP AND WOOL	9	4.2	191,723	381,109	*	12,267		
3400 OTHER ANIMALS	2	0.8	14,926	107,461	*	0		
3600 FARM SUPP & FACILITS	1	0.0	0	1,883	*	1,883		
3900 HOUSING & EQUIP	4	0.4	13,256	66,804	*	47,661		
4000 PEOPLE AS INDIVIDUAL	1	0.1	7,498	13,558	*	0		
4200 FARM AS BUSINESS	2	0.6	34,745	43,163	*	0		
4300 SOC POLIT ORGANIZ	4	0.6	15,376	33,608	*	0		
4400 AGRIC ECONOMY U S	2	0.3	2,789	11,907	*	0		
4700 OTH MARKET PROCESS	2	0.2	5,618	8,630	*	490		
6100 WEEDS	1	0.1	4,375	6,045	*	0		
6500 INVERTEBRATES	3	1.2	7,498	69,552	*	0		
6600 MICROORGANISMS, VIRUS	1	0.4	0	26,130	*	0		
6700 PLANTS	5	1.5	0	67,419	*	8,196		
6800 ANIMALS (VERTEBRATES)	2	0.3	0	16,143	*	404		
9900 UNCLASSIFIED	1	0.6	0	17,997	*	0		
TOTAL	145	39.4	1,041,558	2,869,371	*	107,014		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	33	14.3	117,547	1,172,343	*	25,857
0200 WATER	12	5.3	32,680	397,586	*	26,591
0300 WATERSHEDS RIVER BAS	17	5.0	36,907	351,925	*	106,277
0400 AIR AND CLIMATE	3	1.0	31,814	101,742	*	48,628
0500 RECREATION RESOURCES	34	9.2	167,645	695,993	*	74,083
0600 TIMBER FORST PRODUCT	362	138.6	1,663,900	11,184,015	*	1,007,751
0700 RANGE	20	3.8	14,973	285,740	*	75,186
0800 WILDLIFE AND FISH	71	19.1	169,083	1,875,320	*	173,207
1300 ORNAMENTALS TURF	4	0.3	577	22,930	*	1,129
2000 FORAGE CROPS	1	0.0	0	7,984	*	6,292
2300 SOYBEANS	1	0.2	0	4,040	*	0
2900 POULTRY	1	0.0	0	1,150	*	0
3200 SWINE	1	0.0	0	415	*	0
3600 FARM SUPP & FACILITS	1	0.3	5,769	24,277	*	0
3900 HOUSING & EQUIP	3	0.8	0	52,572	*	6,848
4000 PEOPLE AS INDIVIDUAL	2	0.0	5,383	7,672	*	1,798
4500 AGRIC ECONOMY FORGN	1	0.0	0	100	*	0
4800 MARKETING SYSTEMS	1	0.0	2,294	2,294	*	0
6400 EXP DESIGN/STAT METH	2	0.2	1,022	16,368	*	0
6700 PLANTS	3	0.2	256	20,039	*	2,173
7000 RSCH EQUIP & TECHNOL	5	1.1	35,912	121,724	*	6,784
9900 UNCLASSIFIED	8	21.5	26,275	2,576,161	*	395,731
TOTAL	586	220.9	2,312,035	18,922,391	*	1,958,333

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	8	5.5	18,883	510,467	*	8,944
102 SOIL PLNT WTR NUTRI	20	7.5	115,240	559,983	*	9,041
104 ALTERN USE OF LAND	8	0.3	8,535	67,396	*	0
105 CONSERV USE OF WATE	5	3.8	0	274,074	*	9,268
107 WATERSHED PROT & MG	19	9.1	32,451	685,210	*	117,104
109 WEATHER ADAPT & MOD	3	0.9	31,165	106,701	*	0
110 APPRAIS FORST & RAN	33	4.5	105,296	402,342	*	16,675
111 BIOL CULT MGMT FCRS	148	44.1	671,600	4,126,068	*	349,845
112 IMPROV RANGE RESOR	15	3.3	2,043	244,980	*	74,983
113 REMOTE SENSING	8	1.9	49,467	135,390	*	26,721
SUBTOTAL	267	80.8	1,034,680	7,112,610	*	612,580
SERIES 200						
201 CNTRL FORST INSECTS	34	11.4	119,575	764,597	*	64,600
202 CONTROL FOREST DIS	30	6.5	186,607	556,657	*	55,655
203 FOREST FIRE PROTECT	5	0.4	0	36,164	*	12,595
211 CONTR DIS ANIMALS	1	0.0	0	1,150	*	0
214 PROTECT FROM POLLUT	4	0.4	16,720	74,580	*	12,584
SUBTOTAL	74	18.7	322,902	1,433,149	*	145,434
SERIES 300						
301 GENET BREED FORST T	32	10.8	130,263	762,562	*	123,548
302 IMP FOREST ENG SYS	13	5.0	75,139	410,103	*	56,832
303 ECON TIMBER PRODUCT	19	4.6	49,492	320,895	*	54,700
307 IMP BIO EFF PLD CRP	1	0.2	0	4,040	*	0
315 IMP STRUC FARM SUPP	1	0.3	5,769	24,277	*	0
318 NON-COM BIO TECH/BI	3	0.4	1,278	32,944	*	2,173
SUBTOTAL	69	21.2	261,940	1,554,819	*	237,253
SERIES 400						
401 NEW IMP FOREST PROD	51	29.0	174,856	2,214,382	*	55,974
412 MKT QUAL ANIMAL PRO	1	0.4	4,876	10,705	*	3,068
SUBTOTAL	52	29.3	179,732	2,225,087	*	59,042
SERIES 500						
502 MKTG TIMBER PRODUCT	4	2.0	9,624	134,400	*	22,696
509 PERFORMANCE MKTG SY	1	0.0	2,294	2,294	*	0
512 IMP GRADES FRST PRO	3	1.2	0	82,939	*	6,848
513 PRICE ANAL FRST PRO	11	3.5	31,205	210,052	*	18,567
SUBTOTAL	19	6.7	43,124	429,685	*	48,111
SERIES 600						
603 TECH AID DEV CRTY	5	0.3	8,998	35,173	*	11,127
SUBTOTAL	5	0.3	8,998	35,173	*	11,127
SERIES 800						
802 INDIV & FAM DEC MAK	1	0.0	5,383	5,391	*	0
805 COMMUNICAT RURAL PE	1	0.0	0	2,281	*	1,798
SUBTOTAL	2	0.0	5,383	7,672	*	1,798
SERIES 900						
901 ALLEV POLLUTION	7	3.8	42,776	294,001	*	88,666
902 OUTDOOR RECREATION	30	8.7	167,577	645,260	*	74,203
903 MULTI-USE-FOREST PO	23	4.6	121,373	430,156	*	15,008
904 WILDLFE AND FISH ECO	63	18.6	96,698	1,786,923	*	169,792
905 TREES BEAUTIFICATION	6	6.8	577	387,466	*	99,588
906 ORNAMENT & TURF DEV	1	0.0	0	4,230	*	0
990 UNCLASSIFIED	8	21.5	26,275	2,576,161	*	395,731
SUBTOTAL	138	63.9	455,276	6,124,196	*	842,988
SCIENCE IN SERV OF MAN GRAND TOTAL	626	220.9	2,312,035	18,922,391	*	1,958,333

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH FLAGSTAFF						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0500 RECREATION RESOURCES	2	0.0	104	1,104	*	0
0600 TIMBER FORST PRODUCT	8	3.4	60,157	135,407	*	0
0700 RANGE	2	0.3	2,043	7,293	*	0
TOTAL	12	3.7	62,303	143,803	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH AECATA						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.2	2,319	4,909	*	0
0600 TIMBER FORST PRODUCT	15	0.9	29,395	63,539	*	0
1300 ORNAMENTALS TURF	2	0.0	577	1,360	*	0
TOTAL	19	1.1	32,291	69,808	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH CARBONDALE						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0300 WATERSHEDS RIVER EAS	2	0.1	9,824	17,791	*	0
0500 RECREATION RESOURCES	4	1.1	2,202	56,913	*	0
0600 TIMBER FORST PRODUCT	14	2.2	76,561	157,891	*	14,141
0800 WILDLIFE AND FISH	1	0.0	0	4,562	*	3,595
2000 FORAGE CROPS	1	0.0	0	7,984	*	6,292
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	2,281	*	1,798
9900 UNCLASSIFIED	1	0.0	0	18,915	*	18,915
TOTAL	24	3.4	88,587	266,337	*	44,741

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH FT COLLINS						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.0	4,133	4,133	*	0
0200 WATER	1	0.0	1,378	1,378	*	0
0300 WATERSHEDS RIVER EAS	2	0.1	14,512	14,512	*	0
0400 AIR AND CLIMATE	1	0.2	0	48,628	*	48,628
0500 RECREATION RESOURCES	1	0.0	14,037	14,037	*	0
0600 TIMBER FORST PRODUCT	10	2.2	118,369	284,632	*	0
TOTAL	16	2.5	152,429	367,320	*	48,628

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH MOSCOW						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.3	8,620	28,800	*	7,717
0300 WATERSHEDS RIVER EAS	4	1.9	0	143,779	*	104,411
0500 RECREATION RESOURCES	5	1.4	21,855	123,166	*	1,603
0600 TIMBER FORST PRODUCT	51	17.4	151,793	1,563,398	*	151,473
0700 RANGE	13	3.2	12,930	256,743	*	75,186
0800 WILDLIFE AND FISH	40	9.1	10,925	856,235	*	100,376
6700 PLANTS	1	0.1	0	15,195	*	2,173
7000 RSCH EQUIP & TECHNOL	1	0.0	0	11,557	*	6,784
9900 UNCLASSIFIED	1	10.0	0	780,240	*	306,534
TOTAL	118	43.4	206,123	3,779,114	*	756,256

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH RUSTON						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0600 TIMBER FORST PRODUCT	7	2.7	75,472	181,647	*	0
0800 WILDLIFE AND FISH	2	0.3	9,539	19,969	*	0
3600 FARM SUPP & FACILITS	1	0.3	5,769	24,277	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	2,472	10,404	*	0
TOTAL	11	3.4	93,251	236,297	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH ANN ARBOR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	4	0.2	12,159	22,301	*	5,040
0200 WATER	2	0.2	1,725	13,820	*	7,706
0500 RECREATION RESOURCES	4	0.7	7,297	55,330	*	1,729
0600 TIMBER FORST PRODUCT	34	3.1	76,982	281,801	*	6,030
0700 RANGE	1	0.0	0	197	*	0
0800 WILDLIFE AND FISH	6	0.4	0	38,969	*	0
1300 ORNAMENTALS TURF	2	0.3	0	21,570	*	1,129
2300 SOYBEANS	1	0.2	0	4,040	*	0
3900 HOUSING & EQUIP	1	0.0	0	1,299	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	100	*	0
6400 EXP DESIGN/STAT METH	1	0.1	1,022	5,520	*	0
6700 PLANTS	2	0.1	256	4,844	*	0
9900 UNCLASSIFIED	1	0.0	0	15,771	*	0
TOTAL	60	5.2	99,440	465,563	*	21,634

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH HOUGHTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	3	2.0	18,932	257,804	*	0
0600 TIMBER FORST PRODUCT	26	11.8	76,580	1,088,079	*	0
9900 UNCLASSIFIED	1	0.0	0	269,197	*	0
TOTAL	30	13.8	95,512	1,615,080	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH MISSOULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0500 RECREATION RESOURCES	3	1.1	35,176	57,990	*	2,158
0600 TIMBER FORST PRODUCT	11	2.5	112,097	182,838	*	28,084
0800 WILDLIFE AND FISH	5	1.7	45,474	321,221	*	26,316
4800 MARKETING SYSTEMS	1	0.0	2,294	2,294	*	0
9900 UNCLASSIFIED	1	5.0	0	988,448	*	0
TOTAL	21	10.3	195,041	1,552,791	*	56,558

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.4	27,655	53,673	*	0
0600 TIMBER FORST PRODUCT	7	1.9	127,645	216,415	*	0
7000 RSCH EQUIP & TECHNOL	1	0.5	33,440	43,532	*	0
TOTAL	9	2.8	188,740	313,620	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	6	2.6	9,960	188,098	*	0
0200 WATER	2	1.1	28,766	101,161	*	6,822
0300 WATERSHEDS RIVER EAS	3	1.4	12,571	81,475	*	1,555
0400 AIR AND CLIMATE	1	0.8	31,165	48,689	*	0
0500 RECREATION RESOURCES	6	1.0	0	108,098	*	21,008
0600 TIMBER FORST PRODUCT	96	40.9	251,777	3,345,393	*	271,856
0700 RANGE	2	0.2	0	19,321	*	0
0800 WILDLIFE AND FISH	1	1.3	0	64,112	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	5,383	5,391	*	0
6400 EXP DESIGN/STAT METH	1	0.1	0	10,848	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	43,838	*	0
9900 UNCLASSIFIED	1	0.0	0	33,905	*	33,905
TOTAL	121	49.7	339,622	4,050,328	*	335,146

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH CLEMSON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	7	0.7	19,165	49,262	*	0
0200 WATER	3	0.6	811	36,598	*	5,591
0300 WATERSHEDS RIVER BAS	1	0.1	0	7,590	*	0
0400 AIR AND CLIMATE	1	0.0	649	4,425	*	0
0500 RECREATION RESOURCES	2	0.3	33,801	56,184	*	0
0600 TIMBER FORST PRODUCT	45	7.5	163,441	868,054	*	21,613
0800 WILDLIFE AND FISH	11	1.0	31,871	146,803	*	583
2900 POULTRY	1	0.0	0	1,150	*	0
3200 SWINE	1	0.0	0	415	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	12,393	*	0
TOTAL	73	10.6	249,737	1,182,874	*	27,787

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH WACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.2	9,961	13,672	*	0
0200 WATER	2	0.0	0	696	*	0
0300 WATERSHEDS RIVER BAS	2	0.0	0	1,371	*	0
0600 TIMBER FORST PRODUCT	12	3.3	73,855	258,884	*	0
0800 WILDLIFE AND FISH	1	0.5	50,451	57,035	*	0
9900 UNCLASSIFIED	1	0.3	0	153,768	*	0
TOTAL	20	4.3	134,267	485,426	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.2	4,643	9,284	*	0
0500 RECREATION RESOURCES	3	1.6	43,346	85,342	*	5,850
0600 TIMBER FORST PRODUCT	6	3.0	101,366	251,467	*	18,878
0800 WILDLIFE AND FISH	1	0.7	20,824	69,566	*	9,780
TOTAL	11	5.4	170,179	415,658	*	34,508

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	4	7.5	0	540,408	*	13,100
0200 WATER	2	3.4	0	243,933	*	6,472
0300 WATERSHEDS RIVER BAS	3	1.4	0	85,408	*	311
0500 RECREATION RESOURCES	4	2.0	9,827	137,829	*	41,735
0600 TIMBER FORST PRODUCT	20	35.9	168,412	2,304,571	*	495,676
0700 RANGE	2	0.0	0	2,186	*	0
0800 WILDLIFE AND FISH	3	4.1	0	296,848	*	32,556
3900 HOUSING & EQUIP	2	0.8	0	51,273	*	6,848
9900 UNCLASSIFIED	1	6.2	26,275	315,917	*	36,377
TOTAL	41	61.3	204,513	3,978,372	*	633,075

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG PED APPE/ CR ADJUSTED (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	35	13.8	547,918	1,237,238	*	683,600
0200 WATER	16	11.7	424,560	768,182	*	343,622
0300 WATERSHEDS RIVER BAS	4	1.2	148,806	188,220	*	39,414
0400 AIR AND CLIMATE	2	0.2	61,885	65,242	*	3,357
0500 RECREATION RESOURCES	3	1.9	0	92,692	*	92,692
0600 TIMBER FORST PRODUCT	8	1.2	47,037	146,725	*	47,182
0700 RANGE	1	0.1	49,087	49,087	*	0
0800 WILDLIFE AND FISH	24	9.0	324,629	818,587	*	475,646
0900 CITRUS SUB TROP FRUT	2	0.1	0	835	*	835
1000 FRUIT NUTS DECIDUOUS	10	3.8	222,287	313,338	*	90,889
1200 VEGETABLES	46	21.4	1,684,910	2,892,112	*	1,203,616
1300 ORNAMENTALS TURF	3	0.8	0	139,453	*	139,453
1400 CORN	6	0.4	0	89,325	*	89,325
1500 GRAIN SORGHUM	2	0.4	13,952	74,879	*	60,416
1600 RICE	2	0.0	0	4,761	*	4,761
1700 WHEAT	4	0.7	0	90,802	*	89,009
1800 OTHER SMALL GRAINS	14	3.6	392,707	907,032	*	514,325
1900 PASTURE	2	0.3	239,355	264,330	*	24,975
2000 FORAGE CROPS	13	2.4	337,786	477,211	*	139,425
2100 COTTON	6	3.5	0	184,762	*	179,450
2300 SOYBEANS	43	17.3	1,638,034	2,905,455	*	1,224,335
2400 PEANUTS	6	5.6	84,643	292,237	*	207,594
2500 OTHER OILSEED CROPS	1	0.1	0	5,116	*	5,116
2600 TOBACCO	1	0.8	0	97,217	*	97,217
2800 MISC NEW CROPS	1	0.0	0	3,235	*	3,235
2900 POULTRY	25	6.3	723,006	1,284,665	*	553,697
3000 BEEF CATTLE	1	0.0	755	755	*	0
3000 BEEF CATTLE	31	8.7	1,247,298	2,009,728	*	743,306
3100 DAIRY CATTLE	1	0.0	504	504	*	0
3100 DAIRY CATTLE	18	5.1	200,684	669,110	*	468,426
3200 SWINE	30	7.1	1,413,404	1,940,720	*	527,316
3300 SHEEP AND WOOL	10	6.5	287,234	397,793	*	110,557
3400 OTHER ANIMALS	17	3.8	1,185,775	1,440,173	*	254,398
3600 FARM SUPP & FACILITS	6	2.1	0	208,152	*	208,152
3700 CLOTHING & TEXTILES	4	1.9	8,026	108,294	*	100,268
3800 FOOD	48	12.8	478,624	1,425,619	*	946,995
3900 HOUSING & EQUIP	9	2.4	11,192	298,342	*	285,559
4000 PEOPLE AS INDIVIDUAL	112	37.1	888,119	3,106,826	*	2,199,524
4100 FAMILY MEMBERS	53	15.3	821,351	1,821,151	*	999,800
4200 FARM AS BUSINESS	13	3.2	225,232	392,845	*	167,613
4300 SOC POLIT ORGANIZ	31	5.6	837,436	1,180,401	*	341,180
4400 AGRIC ECONOMY U S	2	0.2	0	57,319	*	57,319
4600 FARM COOPERATIVES	4	2.0	32,620	124,573	*	88,688
4800 MARKETING SYSTEMS	2	0.4	0	20,441	*	20,441
6100 WEEDS	3	0.4	0	64,324	*	64,324
6300 BIO CELL SYSTEMS	2	0.8	0	52,798	*	52,798
6400 EXP DESIGN/STAT METH	3	1.2	11,192	104,419	*	93,227
6500 INVERTEBRATES	4	0.4	264,720	326,472	*	60,542
6600 MICROORGANISMS, VIRUS	4	0.7	18,928	48,921	*	29,993
6700 PLANTS	9	2.1	28,488	322,392	*	293,725
6800 ANIMALS (VERTEBRATES)	3	1.3	15,743	107,220	*	91,478
9900 UNCLASSIFIED	1	0.0	0	8,368	*	0
TOTAL	701	227.4	14,917,925	29,630,396	*	14,518,815

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SA:ES AMOUNT 1979
SERIES 100						
101 APPRAIS OF SOIL RES	6	1.0	54,420	71,753	*	17,333
102 SOIL PLNT WTR NUTRI	17	4.1	550,142	656,363	*	96,049
103 MGMT OF SALINE SCIL	1	0.2	0	4,731	*	4,731
104 ALTERN USE OF LAND	1	0.4	0	16,206	*	16,206
105 CONSERV USE OF WATE	3	0.7	41,312	52,269	*	10,958
107 WATERSHED PROT & MG	1	0.1	39,270	39,270	*	0
109 WEATHER ADAPT & MOD	2	0.2	0	15,065	*	15,065
110 APPRAIS FORST & RAN	1	0.1	39,270	39,270	*	0
111 BIOL CULT MGMT PCRS	2	0.8	0	43,440	*	43,440
113 REMOTE SENSING	1	0.2	88,357	88,357	*	0
SUBTOTAL	35	7.7	812,769	1,026,722	*	203,781
SERIES 200						
201 CNTRL FORST INSECTS	3	0.1	0	52,506	*	0
204 CNTR PESTS FRT & VE	6	2.5	33,653	317,390	*	283,737
205 CNTR DISE FRT & VEG	12	1.5	119,778	259,535	*	139,691
206 CNTR WEEDS FRT & VE	9	0.7	2,839	78,636	*	75,749
207 CNTR PESTS FLD CROP	15	1.4	37,726	365,365	*	320,471
208 CNTR DIS FIELD CFOP	12	4.4	13,704	426,991	*	413,287
209 CNTR WEEDS FLD CROP	3	0.5	208,426	217,896	*	9,291
210 CNTR PESTS ANIMALS	1	0.0	90,528	90,528	*	0
211 CNTR DIS ANIMALS	15	1.5	236,068	292,863	*	55,841
212 CNTR INTER PARASITE	1	0.0	1,259	1,259	*	0
212 CNTR INTER PARASITE	1	0.4	0	13,585	*	13,585
213 PROT ANMLS FROM TOX	2	0.2	37,956	37,956	*	0
214 PROTECT FROM PCLUT	8	1.8	12,245	183,575	*	171,282
SUBTOTAL	88	15.0	794,182	2,338,084	*	1,482,933
SERIES 300						
304 IMP BIO EFF FRT & V	40	16.0	1,364,368	2,145,719	*	777,765
305 MECH PROD FRT & VEG	1	0.1	25,334	25,334	*	0
306 PROD MGMT SYS F & V	2	0.1	41,583	41,583	*	0
307 IMP BIO EFF FLD CROP	46	16.0	1,427,559	2,653,427	*	1,202,867
309 PROD MGMT SYS FLD C	2	0.5	29,487	57,526	*	28,039
310 ANIMAL REPRODUCTION	23	9.8	1,033,535	1,443,763	*	410,229
311 IMP BIO EFF ANML PR	42	12.1	2,077,085	3,160,829	*	1,061,784
312 ENV STRESS IN ANML	2	1.4	0	68,906	*	66,645
313 PROD MGMT SYS ANML	11	2.3	358,437	538,359	*	179,922
315 IMP STRUC FARM SUPP	6	2.1	0	208,152	*	208,152
316 FARM BUSINESS MGMT	6	1.3	202,591	303,718	*	101,127
318 NON-COM BIO TECH/BI	13	2.0	178,705	464,199	*	284,284
SUBTOTAL	194	63.7	6,738,683	11,111,515	*	4,320,833
SERIES 400						
402 PROD F & V IMP ACCE	6	1.7	16,450	138,975	*	122,526
403 NEW & IMP F&V PRCD	1	0.1	0	972	*	972
404 MKT QUAL FRTS & VEG	1	0.1	2,839	2,839	*	0
405 PROD FLD CROP IMP A	11	2.0	77,671	224,158	*	130,387
406 NEW IMP FOOD FLD CR	9	3.9	435,029	681,582	*	246,554
409 PROD ANML PR IMP AC	12	4.3	776,148	1,146,398	*	368,338
410 IMP MEAT MILK EGG P	1	0.0	32,009	32,009	*	0
412 MKT QUAL ANIMAL PRO	3	0.6	0	97,138	*	97,138
SUBTOTAL	44	12.6	1,340,145	2,324,071	*	965,914
SERIES 500						
503 MKTG EFF AGRI PRCD	3	0.5	0	101,015	*	101,015
506 SPLY DEMAND AND PRI	1	1.2	49,386	49,386	*	0
509 PERFORMANCE MKTG SY	1	0.1	0	5,448	*	5,448
510 GROUP ACT MKT POWER	4	2.0	32,620	124,573	*	88,688
511 IMP AGRIC STATISTIC	2	1.1	11,192	76,402	*	65,210
SUBTOTAL	11	4.8	93,198	356,824	*	260,361
SERIES 700						
701 TOX RES IN FOOD	7	3.0	210,330	383,994	*	173,665
702 FOOD PROT FROM TCX	7	1.5	35,073	162,278	*	127,205
703 FOOD CONSUMP HABITS	41	16.0	350,556	1,327,129	*	974,813
704 HOME COMM FOOD SERV	2	0.1	0	8,427	*	8,427
705 SEL CARE CLOTH & TE	4	1.9	8,026	108,294	*	100,268
707 TRANS ANIML MAN DI	1	0.1	0	8,256	*	8,256
708 HUMAN NUTRITION	64	22.7	784,821	2,499,347	*	1,712,767
709 REDUCE HAZ HLTH & S	4	2.8	76,237	362,552	*	286,315
SUBTOTAL	130	48.1	1,465,043	4,860,277	*	3,391,714
SERIES 800						
801 RURAL HOUSING	6	2.7	11,192	190,010	*	175,231
802 INDIV & FAM DEC MAK	26	8.9	473,102	897,350	*	424,247
803 RURAL POVERTY	23	7.5	906,448	1,157,918	*	251,470
804 ECON POTENT RURL PE	25	6.3	216,222	496,951	*	280,729
805 COMMUNICAT RURL PE	18	4.1	309,847	553,166	*	239,824
806 ADJUSTMENT TO CHANG	20	7.1	115,861	600,636	*	474,412
807 AGRIC ECONOMIC CHAN	10	2.2	22,642	146,447	*	123,805
SUBTOTAL	128	38.7	2,055,314	4,042,479	*	1,969,718
SERIES 900						
901 ALLEV POLLUTION	37	23.0	1,033,721	1,996,679	*	962,958
902 OUTDOOR RECREATION	3	1.9	0	92,692	*	92,692
904 WDLFE AND FISH ECO	23	8.1	312,384	757,289	*	425,002
905 TREES BEAUTIFICATIO	1	0.4	0	84,165	*	84,165
906 ORNAMENT & TURF DEV	2	0.4	0	55,288	*	55,288
907 RURAL INCOME IMP	12	1.4	0	241,430	*	241,430
908 RURAL INSTITUT IMP	10	1.5	272,486	334,513	*	62,027
990 UNCLASSIFIED	1	0.0	0	8,368	*	0
SUBTOTAL	89	36.7	1,618,591	3,570,424	*	1,923,562
SCIENCE IN SERV OF MAN GRAND TOTAL	719	227.4	14,917,925	29,630,396	*	14,518,815

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.3	29,302	29,711	*	410
0900 CITRUS SUB TROP FRUT	2	0.1	0	835	*	835
1000 FRUIT NUTS DECIDUOUS	5	1.9	45,731	84,493	*	38,762
1200 VEGETABLES	18	6.6	225,330	359,134	*	133,805
1400 CORN	1	0.0	0	499	*	499
2000 FORAGE CROPS	1	0.5	58,973	58,973	*	0
2800 MISC NEW CROPS	1	0.0	0	3,235	*	3,235
2900 POULTRY	11	1.6	215,744	271,527	*	55,783
3000 BEEF CATTLE	6	0.5	0	40,178	*	40,178
3100 DAIRY CATTLE	5	0.1	0	17,853	*	17,853
3200 SWINE	10	0.9	188,308	292,254	*	103,946
3400 OTHER ANIMALS	6	0.8	45,453	78,067	*	32,614
3800 FOOD	6	0.3	5,192	30,361	*	25,169
4000 PEOPLE AS INDIVIDUAL	8	2.3	34,323	105,383	*	71,060
4100 FAMILY MEMBERS	7	0.7	72,163	86,016	*	13,853
4300 SOC POLIT ORGANIZ	4	0.4	45,225	56,322	*	11,098
6100 WEEDS	1	0.0	0	1,502	*	1,502
6600 MICROORGANISMS, VIRUS	2	0.4	18,928	18,928	*	0
6800 ANIMALS (VERTEBRATES)	1	0.4	15,743	15,743	*	0
TOTAL	97	17.7	1,000,412	1,551,012	*	550,600

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ALA A&amp;M NORMAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.1	58,904	58,904	*	0
0200 WATER	1	0.1	49,087	49,087	*	0
0600 TIMBER FORST PRODUCT	3	0.9	39,270	82,710	*	43,440
0700 RANGE	1	0.1	49,087	49,087	*	0
1800 OTHER SMALL GRAINS	12	3.6	392,707	821,399	*	428,692
2000 FORAGE CROPS	1	0.0	0	2,487	*	2,487
2300 SOYBEANS	2	0.8	359,982	359,982	*	0
2900 POULTRY	2	0.2	0	29,179	*	29,179
3000 BEEF CATTLE	3	0.2	0	19,325	*	19,325
3100 DAIRY CATTLE	2	0.1	0	9,118	*	9,118
3400 OTHER ANIMALS	2	0.6	0	47,793	*	47,793
3800 FOOD	1	0.7	32,637	32,637	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.7	8,362	27,839	*	19,477
4300 SOC POLIT ORGANIZ	2	0.2	0	29,215	*	29,215
6600 MICROORGANISMS, VIRUS	2	0.3	0	29,993	*	29,993
TOTAL	38	8.6	990,036	1,648,756	*	658,720

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ARK A &amp; M PINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	1.1	111,615	130,225	*	12,890
0800 WILDLIFE AND FISH	6	2.0	150,128	392,039	*	223,599
1200 VEGETABLES	1	0.6	0	59,847	*	56,261
1500 GRAIN SORGHUM	1	0.1	13,952	14,463	*	0
1700 WHEAT	2	0.4	0	25,270	*	23,477
2100 COTTON	1	0.8	0	39,925	*	34,613
2300 SOYBEANS	8	3.9	155,181	238,958	*	64,212
2900 POULTRY	3	0.9	138,006	208,561	*	62,593
3900 HOUSING & EQUIP	1	0.0	0	4,532	*	2,941
4000 PEOPLE AS INDIVIDUAL	7	3.0	55,202	352,177	*	277,793
4100 FAMILY MEMBERS	1	0.0	82,804	82,804	*	0
4300 SOC POLIT ORGANIZ	1	0.4	0	43,920	*	42,136
4600 FARM COOPERATIVES	1	0.0	0	5,462	*	2,197
6500 INVERTEBRATES	1	0.0	138,161	139,371	*	0
9900 UNCLASSIFIED	1	0.0	0	8,368	*	0
TOTAL	37	13.2	845,049	1,745,920	*	802,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0400 AIR AND CLIMATE	2	0.2	61,885	65,242	*	3,357
0800 WILDLIFE AND FISH	5	2.8	91,391	146,146	*	54,755
2000 FORAGE CROPS	3	0.9	58,508	123,069	*	64,561
3100 DAIRY CATTLE	1	0.3	0	54,571	*	54,571
3800 FOOD	1	1.2	0	73,267	*	73,267
4000 PEOPLE AS INDIVIDUAL	6	2.8	133,082	192,172	*	59,090
TOTAL	18	8.2	344,866	654,467	*	309,601

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FLORIDA A&amp;M TALLAHASSEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	5	1.1	24,967	48,011	*	23,044
0200 WATER	6	8.2	301,070	399,285	*	98,215
0600 TIMBER FORST PRODUCT	2	0.2	7,768	11,509	*	3,742
0800 WILDLIFE AND FISH	4	0.9	44,505	56,525	*	12,020
2400 PEANUTS	3	4.0	84,643	121,266	*	36,623
3000 BEEF CATTLE	3	1.2	62,149	80,669	*	18,520
3800 FOOD	2	2.4	31,221	53,952	*	22,732
4000 PEOPLE AS INDIVIDUAL	6	3.5	52,955	106,767	*	53,812
4100 FAMILY MEMBERS	1	0.6	32,602	32,602	*	0
TOTAL	32	22.0	641,880	910,586	*	268,706

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - FT. VALLEY COL FORT VALLEY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.0	0	397	*	397
1000 FRUIT NUTS DECIDUOUS	4	1.7	161,058	213,347	*	52,127
1200 VEGETABLES	7	2.8	396,319	425,451	*	29,132
1400 CORN	1	0.0	0	265	*	265
2300 SOYBEANS	3	0.9	157,193	198,782	*	41,589
2900 POULTRY	1	0.9	0	30,958	*	30,958
3000 BEEF CATTLE	4	0.9	95,864	130,162	*	34,289
3200 SWINE	2	0.1	0	9,688	*	9,688
3300 SHEEP AND WOOL	3	0.2	31,955	41,343	*	9,386
3400 OTHER ANIMALS	1	0.5	0	50,978	*	50,978
3600 FARM SUPP & FACILITS	4	2.0	0	189,818	*	189,818
3800 FOOD	2	0.1	0	33,263	*	33,263
4000 PEOPLE AS INDIVIDUAL	4	0.3	23,548	59,307	*	35,759
4100 FAMILY MEMBERS	4	1.0	44,044	134,084	*	90,040
4200 FARM AS BUSINESS	1	0.0	0	13	*	13
4300 SOC POLIT ORGANIZ	1	0.1	8,723	8,723	*	0
6100 WEEDS	1	0.2	0	8,948	*	8,948
6500 INVERTEBRATES	1	0.3	126,559	126,559	*	0
6700 PLANTS	2	0.2	0	9,470	*	9,291
TOTAL	47	12.0	1,045,262	1,671,554	*	625,939

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - KY STATE COLL FRANKFORT OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
1400 CORN	2	0.0	0	4,761	*	4,761
1600 RICE	2	0.0	0	4,761	*	4,761
3100 DAIRY CATTLE	2	1.4	0	72,560	*	72,560
3800 FOOD	20	3.3	378,612	627,023	*	248,411
4000 PEOPLE AS INDIVIDUAL	18	5.3	126,685	498,037	*	371,352
4100 FAMILY MEMBERS	7	4.8	198,984	522,574	*	323,590
4300 SOC POLIT ORGANIZ	6	2.3	397,967	530,991	*	133,024
6300 BIO CELL SYSTEMS	1	0.6	0	39,381	*	39,381
6500 INVERTEBRATES	1	0.0	0	8,633	*	8,633
6700 PLANTS	1	0.0	0	5,649	*	5,649
TOTAL	60	17.6	1,102,248	2,314,369	*	1,212,121

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0800 WILDLIFE AND FISH	1	0.6	0	19,451	*	19,451
1200 VEGETABLES	3	0.9	97,941	138,966	*	41,025
2300 SOYBEANS	5	2.0	134,929	279,325	*	144,396
2900 POULTRY	2	0.4	106,698	161,432	*	54,734
3000 BEEF CATTLE	2	0.7	203,697	324,880	*	121,183
3100 DAIRY CATTLE	2	0.4	131,636	161,948	*	30,312
3400 OTHER ANIMALS	1	0.0	0	5,285	*	5,285
3800 FOOD	1	0.0	0	162	*	162
4000 PEOPLE AS INDIVIDUAL	2	0.1	0	8,418	*	8,418
4100 FAMILY MEMBERS	1	1.0	25,476	25,476	*	0
4200 FARM AS BUSINESS	2	1.2	0	122,270	*	122,270
4300 SOC POLIT ORGANIZ	2	0.4	69,216	69,396	*	180
4800 MARKETING SYSTEMS	1	0.2	0	9,546	*	9,546
TOTAL	25	7.9	769,593	1,326,554	*	556,961

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - MD. STATE COL PRINCESS ANN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.2	19,327	27,914	*	8,587
0800 WILDLIFE AND FISH	3	0.5	0	70,821	*	70,821
2000 FORAGE CROPS	2	0.2	28,991	41,871	*	12,880
2300 SOYBEANS	10	1.8	160,363	400,260	*	239,897
2900 POULTRY	1	0.0	0	118	*	118
3200 SWINE	2	1.2	0	67,363	*	67,363
4000 PEOPLE AS INDIVIDUAL	4	0.0	1,317	4,183	*	2,866
4100 FAMILY MEMBERS	8	0.9	240,001	321,850	*	81,849
4200 FARM AS BUSINESS	3	0.0	3,950	10,592	*	6,642
4300 SOC POLIT ORGANIZ	3	0.4	102,857	135,174	*	32,317
6700 PLANTS	2	0.1	3,687	40,668	*	36,981
TOTAL	40	5.2	560,493	1,120,813	*	560,320

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - ALCORN A&amp;M LORMAN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	0.6	0	165,921	*	165,921
0200 WATER	1	0.1	0	27,206	*	27,206
0800 WILDLIFE AND FISH	1	0.0	0	25,954	*	25,954
1200 VEGETABLES	1	0.3	0	53,875	*	53,875
1800 OTHER SMALL GRAINS	1	0.0	0	82,615	*	82,615
1900 PASTURE	2	0.3	239,355	264,330	*	24,975
3000 BEEF CATTLE	2	0.6	558,495	616,771	*	58,276
3200 SWINE	2	0.4	0	55,740	*	55,740
3700 CLOTHING & TEXTILES	1	0.4	0	8,612	*	8,612
3800 FOOD	1	0.3	0	64,091	*	64,091
3900 HOUSING & EQUIP	1	0.5	0	69,072	*	69,072
4000 PEOPLE AS INDIVIDUAL	7	1.5	104,418	242,653	*	138,235
4100 FAMILY MEMBERS	2	0.5	40,704	40,704	*	0
4300 SOC POLIT ORGANIZ	2	0.1	16,216	46,928	*	30,713
6100 WEEDS	1	0.3	0	53,875	*	53,875
6500 INVERTEBRATES	1	0.1	0	51,909	*	51,909
6800 ANIMALS (VERTEBRATES)	1	0.1	0	51,909	*	51,909
TOTAL	29	5.9	959,187	1,922,162	*	962,975

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
1200 VEGETABLES	1	1.0	75,760	75,760	*	0
2300 SOYBEANS	1	0.5	0	54,846	*	54,846
3000 BEEF CATTLE	3	0.5	138,096	180,611	*	42,515
3100 DAIRY CATTLE	3	0.4	69,048	103,448	*	34,400
3200 SWINE	3	0.4	138,096	173,817	*	35,721
3300 SHEEP AND WOOL	5	0.8	207,144	279,995	*	72,851
3400 OTHER ANIMALS	2	1.0	385,924	385,924	*	0
3800 FOOD	2	0.0	0	4,416	*	4,416
4000 PEOPLE AS INDIVIDUAL	8	2.7	0	197,663	*	197,663
4100 FAMILY MEMBERS	4	2.0	0	157,889	*	157,889
6800 ANIMALS (VERTEBRATES)	1	0.9	0	39,569	*	39,569
TOTAL	33	10.2	1,014,068	1,653,937	*	639,869

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW MEXICO ALBUQUERQUE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0600 TIMBER FORST PRODUCT	1	0.1	0	18,000	*	0
TOTAL	1	0.1	0	18,000	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - NEW YORK YONKERS OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
2300 SOYBEANS	2	2.0	0	63,232	*	39,711
TOTAL	2	2.0	0	63,232	*	39,711

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - AG TECH NC. GREENSBORO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	9	7.1	280,581	557,636	*	277,055
0200 WATER	1	0.8	0	48,691	*	48,691
0500 RECREATION RESOURCES	3	1.9	0	92,692	*	92,692
0800 WILDLIFE AND FISH	3	1.7	38,605	69,529	*	30,924
2600 TOBACCO	1	0.8	0	97,217	*	97,217
2900 POULTRY	1	1.0	262,558	262,558	*	0
3000 BEEF CATTLE	3	3.0	188,997	370,068	*	181,071
3100 DAIRY CATTLE	2	2.0	0	100,602	*	100,602
3200 SWINE	2	1.1	366,615	414,328	*	47,713
3300 SHEEP AND WOOL	2	5.4	48,135	76,455	*	28,320
3400 OTHER ANIMALS	1	0.3	0	47,196	*	47,196
3700 CLOTHING & TEXTILES	2	1.0	8,026	57,845	*	49,819
3800 FOOD	1	0.1	0	381	*	381
3900 HOUSING & EQUIP	4	1.9	11,192	95,823	*	84,631
4000 PEOPLE AS INDIVIDUAL	5	5.1	93,612	241,308	*	147,696
4100 FAMILY MEMBERS	1	0.5	0	4	*	4
4200 FARM AS BUSINESS	1	0.7	21,325	21,325	*	0
4600 FARM COOPERATIVES	2	1.6	32,620	75,162	*	42,542
6400 EXP DESIGN/STAT METH	2	1.1	11,192	76,402	*	65,210
6700 PLANTS	1	1.0	0	82,965	*	82,965
TOTAL	47	38.0	1,363,458	2,788,187	*	1,424,729

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - LANGSTON UNIV LANGSTON OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	4	1.6	0	36,094	*	36,094
0200 WATER	5	1.2	74,403	97,896	*	23,493
0300 WATERSHEDS RIVER BAS	4	1.2	148,806	188,220	*	39,414
1200 VEGETABLES	1	1.0	248,010	248,010	*	0
2100 COTTON	5	2.7	0	144,837	*	144,837
2300 SOYBEANS	1	1.0	248,010	248,010	*	0
2400 PEANUTS	1	1.0	0	44,220	*	44,220
3700 CLOTHING & TEXTILES	1	0.5	0	41,837	*	41,837
3800 FOOD	1	1.0	0	17,866	*	17,866
4000 PEOPLE AS INDIVIDUAL	2	1.5	0	71,935	*	71,935
6700 PLANTS	1	0.1	24,801	24,801	*	0
TOTAL	26	12.8	744,030	1,163,726	*	419,696

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - PENNSYLVANIA KENNETT SQUARE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
3000 BEEF CATTLE	1	0.1	0	19,115	*	0
TOTAL	1	0.1	0	19,115	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - LEHIGH UNIV BETHLEHEM OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
3000 BEEF CATTLE	1	0.0	755	755	*	0
3100 DAIRY CATTLE	1	0.0	504	504	*	0
TOTAL	2	0.0	1,259	1,259	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - SC STATE COLL ORANGEBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	1	0.4	0	16,206	*	16,206
0200 WATER	2	1.4	0	146,018	*	146,018
0800 WILDLIFE AND FISH	1	0.5	0	38,122	*	38,122
1200 VEGETABLES	3	0.6	27,982	102,512	*	74,530
1400 CORN	1	0.0	0	27,722	*	27,722
2300 SOYBEANS	3	1.3	0	193,349	*	193,349
3800 FOOD	2	1.3	0	164,178	*	164,178
4000 PEOPLE AS INDIVIDUAL	8	2.5	221,056	333,076	*	112,020
4100 FAMILY MEMBERS	3	1.2	0	99,081	*	99,081
4200 FARM AS BUSINESS	1	0.3	30,780	30,780	*	0
TOTAL	25	9.3	279,818	1,151,043	*	871,225

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - TENN A&amp;M IND NASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
1300 ORNAMENTALS TURF	3	0.8	0	139,453	*	139,453
1400 CORN	1	0.4	0	56,078	*	56,078
2000 FORAGE CROPS	2	0.2	146,647	146,685	*	38
2300 SOYBEANS	3	1.5	422,376	509,873	*	87,497
2900 POULTRY	1	0.0	0	64,739	*	64,739
3000 BEEF CATTLE	2	0.4	0	88,493	*	88,493
3200 SWINE	2	0.2	0	30,765	*	30,765
3400 OTHER ANIMALS	2	0.2	0	62,347	*	62,347
3800 FOOD	2	0.2	12,242	14,731	*	2,489
3900 HOUSING & EQUIP	1	0.1	0	5,448	*	5,448
4000 PEOPLE AS INDIVIDUAL	12	1.6	14,701	110,216	*	95,516
4100 FAMILY MEMBERS	12	1.7	64,927	288,837	*	223,910
4200 FARM AS BUSINESS	4	0.9	169,177	196,369	*	27,192
4300 SOC POLIT ORGANIZ	8	1.3	197,232	232,248	*	35,016
4400 AGRIC ECONOMY U S	2	0.2	0	57,319	*	57,319
4800 MARKETING SYSTEMS	1	0.2	0	10,895	*	10,895
6300 BIO CELL SYSTEMS	1	0.2	0	13,417	*	13,417
6400 EXP DESIGN/STAT METH	1	0.1	0	28,017	*	28,017
TOTAL	60	10.1	1,027,302	2,055,930	*	1,028,628

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - PRAIRIE VW A6M PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	4	0.4	0	39,659	*	39,659
1200 VEGETABLES	2	0.9	0	44,035	*	44,035
1700 WHEAT	1	0.1	0	5,116	*	5,116
1800 OTHER SMALL GRAINS	1	0.0	0	3,019	*	3,019
2000 FORAGE CROPS	3	0.2	0	59,458	*	59,458
2300 SOYBEANS	1	0.2	0	15,345	*	15,345
2400 PEANUTS	1	0.1	0	5,116	*	5,116
2500 OTHER OILSEED CROPS	1	0.1	0	5,116	*	5,116
2900 POULTRY	2	0.3	0	31,905	*	31,905
3000 BEEF CATTLE	1	0.5	0	58,882	*	58,882
3100 DAIRY CATTLE	1	0.5	0	149,010	*	149,010
3200 SWINE	3	1.3	646,257	680,500	*	34,243
3400 OTHER ANIMALS	2	0.4	754,398	762,583	*	8,185
3600 FARM SUPP & FACILITS	2	0.1	0	18,334	*	18,334
3800 FOOD	1	0.3	0	47,002	*	47,002
3900 HOUSING & EQUIP	1	0.0	0	2,339	*	2,339
4000 PEOPLE AS INDIVIDUAL	6	1.2	0	244,674	*	244,674
4100 FAMILY MEMBERS	1	0.0	0	9,585	*	9,585
4200 FARM AS BUSINESS	1	0.2	0	11,496	*	11,496
4300 SOC POLIT ORGANIZ	2	0.0	0	27,483	*	27,483
4600 FARM COOPERATIVES	1	0.4	0	43,949	*	43,949
6700 PLANTS	1	0.0	0	55,501	*	55,501
TOTAL	39	7.0	1,400,655	2,320,106	*	919,451

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - VA STATE COLL PETERSBUFC OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0100 SOIL AND LAND	2	1.0	23,222	126,561	*	103,339
1000 FRUIT NUTS DECIDUCUS	1	0.3	15,498	15,498	*	0
1200 VEGETABLES	9	6.8	613,568	1,384,523	*	770,954
1500 GRAIN SORGHUM	1	0.3	0	60,416	*	60,416
1700 WHEAT	1	0.3	0	60,416	*	60,416
2000 FORAGE CROPS	1	0.4	44,667	44,667	*	0
2300 SOYBEANS	4	1.4	0	343,494	*	343,494
2400 PEANUTS	1	0.5	0	121,635	*	121,635
2900 POULTRY	1	1.0	0	223,688	*	223,688
3000 BEEF CATTLE	1	0.1	0	80,574	*	80,574
3200 SWINE	4	1.5	74,128	216,266	*	142,138
3800 FOOD	5	1.8	18,720	262,290	*	243,570
3900 HOUSING & EQUIP	1	0.0	0	121,129	*	121,129
4000 PEOPLE AS INDIVIDUAL	6	3.3	18,858	311,019	*	292,161
4100 FAMILY MEMBERS	1	0.3	19,648	19,648	*	0
6700 PLANTS	1	0.8	0	103,339	*	103,339
TOTAL	40	19.5	828,309	3,495,162	*	2,666,853

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY COMMODITY - UTAH PROVO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
0600 TIMBER FORST PRODUCT	2	0.0	0	34,506	*	0
TOTAL	2	0.0	0	34,506	*	0

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY AGENCY

-NATIONAL TOTAL USDA RESEARCH AGENCIES

	NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA SYS 1979	WITH SAES AMOUNT 1979
AGRICULTURAL RESEARCH	2758	2952.6	338,032,495	338,032,495	101.5	16,389,642
COOPERATIVE RESEARCH	220	0.0	16,565,542	16,565,542	0.0	16,565,542
COMPETITIVE RESEARCH GRAN	185	0.0	14,466,896	14,466,896	0.0	0
ECONOMICS STATISTICS COOP	274	478.5	35,126,705	37,140,545	2.4	316,600
U S FOREST SERVICE	239	944.0	104,309,000	107,670,500	0.0	0
TOTAL	3676	4375.1	508,500,638	513,875,978	103.9	33,271,784

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	-SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS 1979	AMOUNT 1979
CONNECTICUT	NEW HAVEN	51	39.1	666,359	2,129,673	*	0
CONNECTICUT	STORES	65	31.1	652,225	1,290,743	*	75,254
DIST OF COLUM	WASHINGTON	3	0.0	77,159	77,159	*	0
DELAWARE	NEWARK	71	22.2	869,729	2,301,453	*	11,957
MASSACHUSETTS	AMHERST	111	45.2	1,515,609	3,864,804	*	187,143
MARYLAND	COLLEGE PA	180	83.8	1,724,854	6,384,348	*	4,730
MAINE	ORONO	118	59.1	1,416,359	4,685,217	*	274,248
NEW HAMPSHIRE	DURHAM	70	26.3	1,082,987	2,054,183	*	20,580
NEW JERSEY	NEW BRUNSW	309	108.7	1,725,542	12,347,649	*	406,641
NEW YORK	ITHACA	681	229.6	2,994,874	29,162,824	*	1,095,177
NEW YORK	GENEVA	143	69.9	529,932	4,913,754	*	243,118
PENNSYLVANIA	COLLEGE PA	327	136.0	4,128,500	12,580,441	*	1,330,560
RHODE ISLAND	KINGSTON	62	28.7	839,109	2,571,662	*	0
VERMONT	BURLINGTON	68	27.2	911,070	2,013,863	*	77,358
WEST VIRGINIA	MORGANTOWN	99	37.2	1,950,206	4,059,645	*	65,134
SUBTOTAL - SAES		2358	944.1	21,084,514	90,437,418	*	3,791,900
DEL STATE COL	DOVER	17	8.2	344,866	654,467	*	309,601
MD. STATE COL	PRINCESS A	29	5.2	560,493	1,120,813	*	560,320
NEW YORK	YONKERS	2	2.0	0	63,232	*	39,711
LEHIGH UNIV	BETHLEHEM	1	0.0	1,259	1,259	*	0
PENNSYLVANIA	KENNETT SQ	1	0.1	0	19,115	*	0
SUBTOTAL - OCI		50	15.5	906,618	1,858,886	*	909,632
FORESTRY SCH	SYRACUSE	8	2.8	188,740	313,620	*	0
FORESTRY SCH	BURLINGTON	10	5.4	170,179	415,658	*	34,508
SUBTOTAL - FRSTY SCH		18	8.2	358,919	729,278	*	34,508
TOTAL		2426	966.6	22,350,051	92,974,891	*	4,736,040

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	-SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS 1979	AMOUNT 1979
ALABAMA	AUBURN	234	141.5	2,936,987	13,726,330	*	373,885
ARKANSAS	PAYETTEVILLE	282	106.2	2,491,359	14,904,443	*	477,307
FLORIDA	GAINESVILLE	650	387.0	2,062,810	34,315,143	*	958,130
GEORGIA	ATHENS	368	171.0	3,225,956	20,364,334	*	474,316
KENTUCKY	LEXINGTON	195	117.2	3,259,765	9,843,005	*	54,093
LOUISIANA	BATON ROUGE	487	199.2	2,292,903	19,902,280	*	280,543
MISSISSIPPI	STATE COLLEGE	232	162.1	3,008,929	16,579,555	*	869,039
NORTH CAROLINA	RALEIGH	564	239.1	4,470,094	29,463,749	*	770,515
OKLAHOMA	STILLWATER	226	86.0	2,096,431	8,004,585	*	216,158
PUERTO RICO	RIO PIEDRA	98	101.8	2,784,547	9,084,385	*	29,413
SOUTH CAROLINA	CLEMSON	276	98.8	2,184,931	10,772,082	*	139,807
TENNESSEE	KNOXVILLE	189	118.7	3,263,717	13,702,744	*	69,476
TEXAS	COLLEGE ST	552	248.9	4,196,787	29,046,796	*	1,072,518
VIRGINIA	BLACKSBURG	278	165.1	2,980,780	17,972,294	*	883,240
VIRGIN ISLANDS	ST. THOMAS	10	5.8	211,335	275,742	*	1,332
SUBTOTAL - SAES		4641	2348.4	41,467,331	247,957,467	*	6,669,772
ALA TUSKEGEE	TUSKEGEE	71	17.7	1,000,412	1,551,012	*	550,600
ALA A&M	NORMAL	25	8.6	990,036	1,648,756	*	658,720
ARK A & M	PINE BLUFF	29	13.2	845,049	1,745,920	*	802,710
FLORIDA A&M	TALLAHASSEE	20	22.0	641,880	910,586	*	268,706
FT. VALLEY COL	FORT VALLE	39	12.0	1,045,262	1,671,554	*	625,939
KY STATE COLL	FRANKFORT	38	17.6	1,102,248	2,314,369	*	1,212,121
SOUTHERN UNIV	BATON ROUGE	24	7.9	769,593	1,326,554	*	556,961
ALCOEN A&M	LORHAN	20	5.9	959,187	1,922,162	*	962,975
AG TECH NC.	GREENSBORO	44	38.0	1,363,458	2,788,187	*	1,424,729
LANGSTON UNIV	LANGSTON	19	12.8	744,030	1,163,726	*	419,696
SC STATE COLL	ORANGEBURG	19	9.3	279,818	1,151,043	*	871,225
TENN A&M IND	NASHVILLE	36	10.1	1,027,302	2,055,930	*	1,028,628
PRAIRIE VM A&M	PRAIRIE VI	23	7.0	1,400,655	2,320,106	*	919,451
VA STATE COLL	PETERSBURG	27	19.5	828,309	3,495,162	*	2,666,853
SUBTOTAL - OCI		434	201.6	12,997,239	26,065,067	*	12,969,314
FORESTRY SCH	RUSTON	9	3.4	93,251	236,297	*	0
FORESTRY SCH	CLEMSON	62	10.6	249,737	1,182,874	*	27,787
FORESTRY SCH	NACOGDOCHE	15	4.3	134,267	485,426	*	0
SUBTOTAL - FRSTY SCH		86	18.3	477,255	1,904,597	*	27,787
TOTAL		5161	2568.3	54,941,825	275,927,131	*	19,666,873

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	-SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS AMOUNT 1979
ALASKA	FAIRBANKS	28	10.4	775,689	2,552,944	17,310
ILLINOIS	URBANA	310	151.8	3,467,603	15,281,537	455,783
INDIANA	LAFAYETTE	355	190.2	3,134,276	21,355,024	767,187
IOWA	AMES	372	118.0	3,982,653	18,940,840	1,407,172
KANSAS	MANHATTAN	600	177.3	2,315,733	16,373,222	541,263
MICHIGAN	LANSING	457	163.7	3,209,022	20,996,845	1,286,782
MINNESOTA	ST PAUL	325	156.9	3,239,354	23,491,712	1,046,206
MISSOURI	COLUMBIA	222	106.9	3,021,895	13,503,360	1,062,842
NORTH DAKOTA	FARGO	257	114.3	1,527,182	10,051,896	223,970
NEBRASKA	LINCOLN	263	142.6	2,157,498	21,302,389	627,302
OHIO	WOOSTER	329	123.7	3,717,171	19,458,434	337,113
SOUTH DAKOTA	BROOKINGS	168	105.5	1,603,434	6,446,011	490,218
WISCONSIN	MADISON	504	149.0	3,370,484	24,106,977	816,454
SUBTOTAL - SAES		4190	1710.3	35,521,994	213,861,191	9,079,602
LINCOLN UNIV	JEFFERSON	24	10.2	1,014,068	1,653,937	639,869
SUBTOTAL - OCI		24	10.2	1,014,068	1,653,937	639,869
FORESTRY SCH	CARBONDALE	19	3.4	88,587	266,337	44,741
FORESTRY SCH	ANN ARBOR	44	5.2	99,440	465,563	21,634
FORESTRY SCH	HOUGHTON	30	13.8	95,512	1,615,080	0
SUBTOTAL - FRSTY SCH		93	22.4	283,539	2,346,980	66,375
TOTAL		4307	1742.9	36,819,601	217,862,108	9,785,846

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1979 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1979	REG FED APPR/ CR ADMSTRD (GROSS) 1979	-SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1979	USDA CON/GT/CA WITH SAES SYS AMOUNT 1979
ARIZONA	TUCSON	235	120.3	1,260,546	11,848,889	928,596
CALIFORNIA	BERKELEY	1159	549.1	3,706,922	63,569,110	2,351,991
COLORADO	FT COLLINS	195	130.4	1,666,095	16,268,897	1,443,669
GUAM	AGANA	14	11.5	425,960	697,735	2,846
HAWAII	HONOLULU	207	95.5	913,547	7,083,343	331,527
IDAHO	MOSCOW	128	79.8	1,276,728	7,318,517	238,423
MONTANA	BOZEMAN	181	88.8	1,358,206	8,421,813	159,648
NEVADA	RENO	99	35.5	832,377	3,617,477	260,075
NEW MEXICO	UNIV PARK	140	64.7	1,160,288	3,466,227	116,107
OREGON	CORVALLIS	320	146.8	1,722,483	16,794,615	377,549
UTAH	LOGAN	179	70.1	1,225,063	6,768,676	253,106
WASHINGTON	PULLMAN	331	132.8	2,324,433	17,079,747	640,039
WYOMING	LARAMIE	81	39.4	1,041,558	2,869,371	107,014
SUBTOTAL - SAES		3269	1564.7	18,914,206	165,804,417	7,210,590
NEW MEXICO	ALBUQUERQUE	1	0.1	0	18,000	0
UTAH	PROVO	2	0.0	0	34,506	0
SUBTOTAL - OCI		3	0.1	0	52,506	0
FORESTRY SCH	FLAGSTAFF	11	3.7	62,303	143,803	0
FORESTRY SCH	ARCATA	17	1.1	32,291	69,808	0
FORESTRY SCH	FT COLLINS	14	2.5	152,429	367,320	48,628
FORESTRY SCH	MOSCOW	110	43.4	206,123	3,779,114	756,256
FORESTRY SCH	MISSOULA	16	10.3	195,041	1,552,791	56,558
FORESTRY SCH	CORVALLIS	112	49.7	339,622	4,050,328	335,146
FORESTRY SCH	SEATTLE	21	61.3	204,513	3,978,372	633,075
SUBTOTAL - FRSTY SCH		303	172.0	1,192,322	13,941,536	1,829,663
TOTAL		3575	1738.0	20,106,528	179,849,150	9,040,253

## NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				RPG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NCN- FED FUND	TOTAL
		SYS	I.H.SUPPORT PROF	TECH	YEARS OTHER											
0100 SOIL AND LAND	292	169.0	8.7	8.5	238.4	15643	1263	26	0	0	39	19	16989	388	0	17378
0200 WATER	291	159.4	4.3	9.0	246.8	14870	1108	58	0	0	35	19	16089	605	0	16694
0300 WATERSHEDS RIVER BAS	143	151.4	8.3	58.0	176.6	14917	247	0	0	0	779	0	15943	735	0	16678
0400 AIR AND CLIMATE	49	20.9	0.0	2.3	14.2	1635	20	0	0	0	15	0	1669	67	0	1736
0500 RECREATION RESOURCES	18	35.7	7.4	7.5	11.2	4150	0	0	0	0	1573	0	5723	262	0	5985
0600 TIMBER FORST PRODUCT	237	706.7	135.4	439.5	285.4	70553	1422	98	0	0	5907	0	77980	1795	0	79775
0700 RANGE	101	77.6	10.6	13.8	104.4	9158	184	0	0	0	449	0	9791	107	0	9898
0800 WILDLIFE AND FISH	53	71.8	5.6	34.0	24.8	6555	545	11	0	0	815	0	7926	248	0	8174
0900 CITRUS SUB TROP FRUT	116	87.0	0.0	0.0	191.7	8736	429	78	0	0	0	0	9243	0	0	9243
1000 FRUIT NUTS DECIDUCUS	199	135.5	0.0	0.0	229.3	13531	925	211	0	0	0	0	14667	0	0	14667
1100 POTATOES	66	44.6	0.0	0.0	57.3	3885	213	145	0	0	0	0	4243	0	0	4243
1200 VEGETABLES	283	137.5	0.0	0.0	229.4	13421	1448	950	0	0	0	0	15820	0	0	15820
1300 ORNAMENTALS TURF	57	34.0	0.0	0.0	114.9	4718	77	21	0	0	0	0	4816	0	0	4816
1400 CORN	217	126.0	0.0	0.0	187.1	11737	445	631	0	0	0	0	12813	2	0	12815
1500 GRAIN SORGHUM	96	25.4	0.0	0.0	31.9	2293	10	5	0	0	0	0	2307	1	0	2308
1600 RICE	67	23.6	0.0	0.0	33.1	1993	26	0	0	0	0	0	2018	1	0	2019
1700 WHEAT	194	115.9	0.0	0.0	154.1	9856	814	142	0	0	0	0	10812	2	0	10813
1800 OTHER SMALL GRAINS	112	35.9	0.0	0.0	49.0	3157	196	345	0	0	0	0	3698	1	0	3698
1900 PASTURE	35	9.7	0.0	0.0	15.8	960	109	73	0	0	0	0	1142	0	0	1142
2000 FORAGE CROPS	205	106.1	0.0	0.0	150.7	10168	1034	606	0	0	0	0	11808	1	0	11809
2100 COTTON	213	228.5	0.0	0.0	522.8	22548	447	86	0	0	0	0	23081	18	0	23099
2200 COTTONSEED	42	35.1	0.0	0.0	45.9	2399	206	0	0	0	0	0	2605	0	0	2605
2300 SOYBEANS	196	121.6	0.0	0.0	190.7	11637	1112	716	0	0	0	0	13466	18	0	13484
2400 PEANUTS	70	40.8	0.0	0.0	53.4	3495	38	94	0	0	0	0	3627	4	0	3631
2500 OTHER OILSEED CROPS	37	18.3	0.0	0.0	22.5	1585	15	21	0	0	0	0	1621	0	0	1621
2600 TOBACCO	48	39.2	0.0	0.0	81.1	3837	708	124	0	0	0	0	4669	0	0	4669
2700 SUGAR CROPS	85	52.9	0.0	0.0	143.2	7455	177	173	0	0	0	0	7805	0	0	7805
2800 MISC NEW CROPS	42	34.1	0.0	0.0	52.0	2656	16	357	0	0	0	0	3029	0	0	3029
2900 POULTRY	141	100.9	0.0	0.0	288.2	11401	1202	0	0	0	0	0	12603	0	0	12603
3000 BEEF CATTLE	316	192.4	0.0	0.0	484.8	24509	3936	172	0	0	0	0	28617	14	0	28631
3100 DAIRY CATTLE	233	127.1	0.0	0.0	404.2	17908	3635	65	0	0	0	0	21607	0	0	21607
3200 SWINE	159	79.9	0.0	0.0	275.1	12455	2278	0	0	0	0	0	14733	10	0	14743
3300 SHEEP AND WOOL	136	61.8	0.0	0.0	136.8	8000	873	69	0	0	0	0	8943	0	0	8943
3400 OTHER ANIMALS	63	18.7	0.0	0.0	58.4	2420	1028	172	0	0	0	0	3620	0	0	3620
3500 BEES AND HONEY	40	28.8	0.0	0.0	47.6	2357	241	0	0	0	0	0	2599	0	0	2599
3600 FARM SUPP & FACILITS	21	41.4	0.2	0.0	20.3	3727	29	25	0	0	0	0	3780	42	0	3822
3700 CLOTHING & TEXTILES	5	3.2	0.0	0.0	4.9	201	46	0	0	0	0	0	247	0	0	247
3800 FOOD	138	127.6	0.0	0.0	156.4	12648	1105	7963	0	0	0	0	21716	324	2	22041
3900 HOUSING & EQUIP	41	30.4	2.4	11.0	33.5	3404	468	0	0	0	19	0	3891	31	0	3922
4000 PEOPLE AS INDIVIDUAL	83	80.7	0.4	0.0	123.6	7941	456	199	0	0	0	0	8597	0	0	8597
4100 FAMILY MEMBERS	23	15.0	4.5	0.0	14.0	1308	157	2463	0	0	0	0	3927	22	0	3949
4200 FARM AS BUSINESS	9	17.3	0.0	0.0	5.9	2520	9	0	0	0	0	0	2529	124	0	2653
4300 SOC POLIT ORGANIZ	30	22.3	3.0	0.0	6.9	1847	174	0	0	0	0	0	2021	321	0	2342
4400 AGRIC ECONOMY U S	26	32.7	0.0	0.0	21.7	3635	68	0	0	0	0	0	3703	87	0	3790
4500 AGRIC ECONOMY FORGN	25	71.5	5.6	31.0	0.0	5130	64	0	0	0	0	0	5194	83	0	5277
4600 FARM COOPERATIVES	25	5.0	1.3	0.0	0.7	368	73	15	0	0	0	0	456	0	0	456
4700 OTH MARKET PROCESS	6	0.8	0.0	0.0	0.2	0	27	0	0	0	0	0	28	0	0	28
4800 MARKETING SYSTEMS	10	28.8	0.0	1.0	12.5	2292	15	0	0	0	0	0	2307	33	0	2340
6100 WEEDS	46	19.1	0.0	0.0	26.9	1798	103	137	0	0	0	0	2038	0	0	2038
6200 SEED RESEARCH	13	9.6	0.0	0.0	17.1	1001	0	0	0	0	0	0	1001	0	0	1001
6300 BIO CELL SYSTEMS	38	11.4	0.0	0.0	19.3	1121	24	988	0	0	0	0	2132	0	0	2132
6400 EXP DESIGN/STAT METH	1	5.0	0.5	4.0	6.0	250	0	0	0	0	0	0	250	0	0	250
6500 INVERTEBRATES	90	109.3	0.0	0.0	170.9	10509	286	417	0	0	0	0	11211	0	0	11211
6600 MICROORGANISMS,VIRUS	69	22.5	0.0	0.0	38.9	2440	441	1665	0	0	0	0	4546	0	0	4546
6700 PLANTS	304	213.6	0.0	0.0	315.8	19053	2807	3113	0	0	0	0	24973	18	0	24991
6800 ANIMALS (VERTEBRATES)	72	39.6	0.0	0.0	53.9	3900	310	45	0	0	0	0	4256	11	0	4267
6900 RESEARCH ON RSCH MGN	1	0.0	0.0	0.0	0.0	0	21	0	0	0	0	0	21	0	0	21
7000 RSCH EQUIP & TECHNOL	15	6.1	0.0	0.0	11.0	521	62	28	0	0	0	0	611	0	0	611
9900 UNCLASSIFIED	4	8.6	0.0	0.0	12.8	839	103	0	0	0	0	0	942	0	0	942
TOTAL	5747	4375.1	198.0	619.6	6425.7	443054	33272	22507	0	0	9631	37	508500	5373	2	513875

## NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN C G CA OTHER SP FD SP FD FORST OTHER										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL	
		SYS	PROF	TECH	OTHER	HOUSE	SAES	CN	GT	015	010	SERV	USDA								
SERIES 100																					
101 APPRAIS OF SOIL EES	2	0.5	0.0	0.0	0.3	59	40	0	0	0	0	0	0	99	0	0	99				
102 SOIL PLNT WTR NUTRI	143	95.3	0.4	0.9	161.8	9024	1081	0	0	0	0	16	0	10120	5	0	10125				
103 MGMT OF SALINE SCIL	10	13.2	0.0	0.0	29.4	1393	20	0	0	0	0	0	0	1413	0	0	1413				
104 ALTERN USE OF LAND	19	25.5	3.5	1.0	3.5	1194	73	0	0	0	0	0	0	1267	260	0	1527				
105 CONSERV USE OF WATE	116	67.9	0.8	0.5	111.2	6857	531	0	0	0	0	0	37	7425	279	0	7704				
106 DRAIN AND IRRIGATIO	72	40.8	0.0	0.0	66.4	3937	1097	51	0	0	0	0	0	5086	32	0	5118				
107 WATERSHED PROT & MG	147	175.4	8.2	63.2	229.4	17907	349	0	0	0	0	793	0	19049	727	0	19776				
108 ECON LEG PROB OF WA	11	10.5	0.0	3.2	0.5	715	49	0	0	0	0	5	0	769	41	0	810				
109 WEATHER ADAPT & MOD	20	10.0	0.0	0.0	8.7	717	41	0	0	0	0	0	0	758	119	0	877				
110 APPRAIS FORST & RAN	15	58.2	62.4	31.0	30.2	9910	73	0	0	0	0	488	0	10471	297	0	10768				
111 BIOL CULT MGMT PCRS	63	194.8	20.5	128.7	63.0	16312	16	98	0	0	0	808	0	17235	616	0	17851				
112 IMPROV RANGE RESCR	64	41.0	4.9	6.5	63.7	4729	162	0	0	0	0	113	0	5003	10	0	5013				
113 REMOTE SENSING	6	7.0	0.0	0.0	16.0	705	3	0	0	0	0	0	0	708	0	0	708				
SUBTOTAL	688	740.2	100.6	235.1	784.1	73460	3534	149	0	0	0	2222	37	79403	2386	0	81789				
SERIES 200																					
201 CNTRL FORST INSECTS	61	104.2	7.3	65.1	40.8	9609	1190	0	0	0	0	801	0	11600	65	0	11665				
202 CONTROL FOREST DIS	26	57.2	9.6	31.2	20.5	6902	2	0	0	0	0	1466	0	8369	91	0	8460				
203 FOREST FIRE PROTECT	16	64.4	15.0	25.1	18.7	6978	0	0	0	0	0	654	0	7632	217	0	7849				
204 CNTR PESTS FRT & VE	122	69.2	0.0	0.0	183.5	8657	803	88	0	0	0	0	0	9548	0	0	9548				
205 CNTR DISE FRT & VEG	158	61.9	0.0	0.0	135.9	6904	1268	172	0	0	0	0	0	8344	0	0	8344				
206 CNTR WEEDS FRT & VE	39	19.5	0.0	0.0	16.7	911	67	273	0	0	0	0	0	1250	0	0	1250				
207 CNTR PESTS FLD CROP	229	152.9	0.5	0.0	356.8	17115	436	369	0	0	0	9	0	17929	0	0	17929				
208 CNTR DIS FIELD CROP	263	128.6	0.0	0.0	205.7	13098	891	1449	0	0	0	0	0	15439	0	0	15439				
209 CNTR WEEDS FLD CROP	133	61.7	0.0	0.0	95.7	6029	413	62	0	0	0	0	0	6504	0	0	6504				
210 CNTR PESTS ANIMALS	41	48.6	0.0	0.0	114.4	4889	739	113	0	0	0	0	0	5740	0	0	5740				
211 CNTR DIS ANIMALS	214	133.9	0.0	0.0	742.1	26013	7359	292	0	0	0	0	0	33664	0	0	33664				
212 CNTE INTER PARASITE	39	34.8	0.0	0.0	112.6	4697	1141	0	0	0	0	0	0	5839	0	0	5839				
213 PROT ANMLS FROM TOX	42	28.6	0.0	0.0	69.4	3145	872	94	0	0	0	0	0	4112	0	0	4112				
214 PROTECT FROM POLLUT	29	23.9	2.5	6.9	23.2	3356	105	23	0	0	0	144	0	3627	135	0	3763				
SUBTOTAL	1412	989.5	34.8	128.3	2135.8	118302	15285	2935	0	0	0	3075	0	139597	509	0	140106				
SERIES 300																					
301 GENET BREED FORST T	13	36.5	4.7	43.2	13.7	3648	0	0	0	0	0	47	0	3695	140	0	3835				
302 IMP FOREST ENG SYS	4	13.9	1.8	9.2	4.3	1586	0	0	0	0	0	143	0	1728	7	0	1735				
303 ECON TIMBER PRODUCT	5	7.1	0.0	0.8	4.4	496	74	0	0	0	0	59	0	630	0	0	630				
304 IMP BIO EFF FRT & V	124	55.5	0.0	0.0	122.3	6179	236	1391	0	0	0	0	0	7806	0	0	7806				
305 MECH PROD FRT & VEG	21	12.7	0.0	0.0	14.8	1315	79	0	0	0	0	0	0	1394	0	0	1394				
306 PROD MGMT SYS F & V	6	1.2	0.0	0.0	1.2	45	122	0	0	0	0	0	0	167	0	0	167				
307 IMP BIO EFF FLD CRP	366	169.6	0.0	0.0	298.0	17785	1154	2131	0	0	0	0	0	21070	0	0	21070				
308 MECH PROD FIELD CRO	45	36.1	0.0	0.0	78.6	3708	123	0	0	0	0	0	0	3831	0	0	3831				
309 PROD MGMT SYS FLD C	25	8.3	0.0	0.0	14.1	775	99	0	0	0	0	0	0	874	0	0	874				
310 ANIMAL REPRODUCTION	54	39.4	0.0	0.0	80.7	6007	262	31	0	0	0	0	0	6300	0	0	6300				
311 IMP BIO EFF ANML PR	132	74.7	0.0	0.0	224.6	11892	1799	0	0	0	0	0	0	13691	0	0	13691				
312 ENV STRESS IN ANML	28	12.7	0.0	0.0	19.5	1371	313	4	0	0	0	0	0	1688	0	0	1688				
313 PROD MGMT SYS ANML	15	6.2	0.0	0.0	14.4	801	96	0	0	0	0	0	0	897	0	0	897				
314 BEES OTH POLLNTNG I	40	28.8	0.0	0.0	47.6	2357	241	0	0	0	0	0	0	2599	0	0	2599				
315 IMP STRUC FARM SUPP	12	6.0	0.0	0.0	12.6	794	0	25	0	0	0	0	0	819	0	0	819				
317 MECH/STRUCTS ANML P	11	5.3	0.0	0.0	10.1	738	46	0	0	0	0	0	0	784	0	0	784				
318 NON-COM BIO TECH/BI	260	232.7	0.0	0.0	375.7	22855	1129	3857	0	0	0	0	0	27841	0	0	27841				
SUBTOTAL	1161	746.6	6.5	53.2	1336.6	82353	5772	7439	0	0	0	249	0	95613	147	0	95960				
SERIES 400																					
401 NEW IMP FOREST PROD	24	113.1	20.8	86.7	20.6	11590	0	0	0	0	0	900	0	12490	415	0	12905				
402 PROD F & V IMP ACCE	46	13.0	0.0	0.0	27.2	1372	18	8	0	0	0	0	0	1399	0	0	1399				
403 NEW & IMP FGV PRCD	46	76.3	0.0	0.0	79.1	5963	72	0	0	0	0	0	0	6034	0	0	6034				
404 MKT QUAL FETS & VEG	88	57.7	0.0	0.0	89.0	5192	135	11	0	0	0	0	0	5338	0	0	5338				
405 PROD FLD CROP IMP A	139	79.3	0.0	0.0	123.7	7567	247	216	0	0	0	0	0	8030	0	0	8030				
406 NEW IMP FOOD FLD CR	60	103.7	0.0	0.0	137.5	8277	234	0	0	0	0	0	0	8511	0	0	8511				
407 NEW IMP NON-FOOD FC	57	95.0	0.0	0.0	158.4	7736	167	11	0	0	0	0	0	7914	0	0	7914				
408 MKT QUAL FIELD CROP	63	45.5	0.0	0.0	74.3	4241	18	102	0	0	0	0	0	4361	0	0	4361				
409 PROD ANML PR IMP AC	10	5.8	0.0	0.0	13.2	947	0	0	0	0	0	0	0	947	0	0	947				
410 IMP MEAT MILK EGG P	30	47.2	0.0	0.0	71.2	3996	40	0	0	0	0	0	0	4036	0	0	4036				
411 IMP NON-FOOD ANML P	17	33.1	0.0	0.0	37.6	2885	135	0	0	0	0	0	0	3020	0	0	3020				
412 MKT QUAL ANIMAL FRO	18	11.3	0.0	0.0	21.9	976	37	0	0	0	0	0	0	1013	0	0	1013				
SUBTOTAL	598	680.8	20.8	86.7	853.7	60742	1102	348	0	0	0	900	0	63093	415	0	63508				
SERIES 500																					
501 IMP GRADES & STANDS	30	25.9	0.0	0.0	47.4	2689	133	0	0	0	0	0	0	2822	5	0	2827				
502 MKTG TIMBER PRODUCT	11	30.4	2.4	15.6	16.9	2540	62	0	0	0	0	312	0	2914	0	0	2914				
503 MKTG EFF AGRI PRCDs	87	44.1	0.0	0.0	43.0	2870	375	130	0	0	0	0	0	3375	20	0	3395				
506 SPLY DEMAND AND FRI	39	88.5	0.0	0.0	59.3	5882	90	0	0	0	0	0	0	5972	47	2	6021				
507 COMP REL IN AGRIC	9	16.1	0.0	0.0	4.9	923	29	0	0	0	0	0	0	952	38	0	989				
508 DOMESTIC MKT DEVELP	6	8.2	0.0	0.0	3.2	462	3	0	0	0	0	0	0	465	46	0	511				
509 PERFORMANCE MKTG SY	43	63.1	0.0	1.0																	

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS				EXCLUSIVE OF PL-480 AND AID FUNDS		
		SYS	I.H. PROF	SUPPORT TECH	YEARS CTHER	REG IN HOUSE	C	G	CA SAES	OTHER CN GT	SP 015	PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
SERIES 800																		
801 RURAL HOUSING	6	14.7	1.1	5.2	11.2	1499		0	0	0	0	0	0	1499	15	0	1514	
802 INDIV & FAM DEC MAK	5	3.3	0.0	0.0	6.2	246		15	0	0	0	0	0	261	0	0	261	
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0		11	0	0	0	0	0	11	0	0	11	
804 ECON POTENT RURL PE	5	7.6	3.5	0.0	2.9	753		0	0	0	0	0	0	753	14	0	767	
806 ADJUSTMENT TO CHANG	7	14.1	0.4	0.0	7.2	1366		11	0	0	0	0	0	1377	0	0	1377	
807 AGRIC ECONOMIC CHAN	29	41.9	0.0	0.0	20.3	5446		87	0	0	0	0	0	5533	242	0	5775	
808 GOV'T PROGRAMS	19	22.9	0.0	0.0	9.4	1562		0	0	0	0	0	0	1562	20	0	1582	
SUBTOTAL	72	104.5	5.0	5.2	57.1	10872		123	0	0	0	0	0	10995	291	0	11287	
SERIES 900																		
901 ALLEV POLLUTION	152	160.9	0.5	9.8	196.2	14173		902	67	0	0	0	103	0	15245	302	0	15547
902 OUTDOOR RECREATION	13	22.9	4.8	2.6	8.7	2279		0	0	0	0	0	829	0	3108	127	0	3235
903 MULTI-USE-FOREST PO	13	27.4	7.1	4.2	8.1	2024		0	0	0	0	0	1048	0	3072	116	0	3188
904 WLDLFE AND FISH ECO	42	66.4	2.4	32.4	20.8	5714		524	11	0	0	0	852	0	7101	229	0	7330
905 TREES BEAUTIFICATIO	20	15.6	0.0	3.5	71.0	2804		4	0	0	0	0	0	0	2808	1	0	2809
906 ORNAMENT & TURF DEV	53	31.5	0.0	0.0	90.0	3960		77	0	0	0	0	0	0	4037	0	0	4037
907 RURAL INCOME IMP	7	8.1	0.2	0.0	2.8	935		76	0	0	0	0	0	0	1011	93	0	1104
908 RURAL INSTITUT IMP	18	12.9	2.8	0.0	4.0	890		105	0	0	0	0	0	0	996	198	0	1194
990 UNCLASSIFIED	4	8.6	0.0	0.0	12.8	839		103	0	0	0	0	0	0	942	0	0	942
SUBTOTAL	322	354.4	17.7	52.4	414.4	33618		1792	78	0	0	0	2832	0	38320	1066	0	39386
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	4975	4375.1	198.0	619.6	6425.7	443054		33272	22507	0	0	0	9631	37	508500	5373	2	513875

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
AGRICULTURAL RESEARCH

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG IN HOUSE	C G CA SAES	OTHER CN GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.H.SUPPORT	TECH	OTHER											
0100 SOIL AND LAND	240	134.5	*	*	226.8	12982	843	26	0	0	0	0	13851	0	0	13851
0200 WATER	242	127.7	*	*	236.6	13082	1042	58	0	0	0	0	14182	0	0	14182
0300 WATERSHEDS RIVER BAS	81	58.4	*	*	154.9	6648	25	0	0	0	0	0	6673	0	0	6673
0400 AIR AND CLIMATE	22	9.8	*	*	12.6	948	11	0	0	0	0	0	959	0	0	959
0600 TIMBER FORST PRODUCT	25	18.5	*	*	50.5	2464	288	0	0	0	0	0	2751	0	0	2751
0700 RANGE	80	46.8	*	*	94.8	5416	184	0	0	0	0	0	5600	0	0	5600
0800 WILDLIFE AND FISH	18	5.2	*	*	6.9	401	199	11	0	0	0	0	611	0	0	611
0900 CITRUS SUB TROP FRUT	103	81.8	*	*	189.3	8428	426	48	0	0	0	0	8903	0	0	8903
1000 FRUIT NUTS DECIDUOUS	182	130.0	*	*	226.8	13212	710	211	0	0	0	0	14133	0	0	14133
1100 POTATOES	52	42.5	*	*	56.3	3767	26	0	0	0	0	0	3793	0	0	3793
1200 VEGETABLES	247	129.3	*	*	226.0	12959	1079	130	0	0	0	0	14168	0	0	14168
1300 ORNAMENTALS TURF	54	33.9	*	*	114.8	4714	76	21	0	0	0	0	4811	0	0	4811
1400 CORN	174	118.6	*	*	183.3	11260	232	0	0	0	0	0	11492	0	0	11492
1500 GRAIN SORGHUM	73	22.4	*	*	30.8	2111	10	5	0	0	0	0	2125	0	0	2125
1600 RICE	43	20.6	*	*	32.1	1810	23	0	0	0	0	0	1833	0	0	1833
1700 WHEAT	156	109.0	*	*	150.4	9409	376	12	0	0	0	0	9797	0	0	9797
1800 OTHER SMALL GRAINS	79	33.7	*	*	48.3	3031	155	0	0	0	0	0	3186	0	0	3186
1900 PASTURE	32	9.7	*	*	15.8	960	108	3	0	0	0	0	1071	0	0	1071
2000 FORAGE CROPS	171	104.1	*	*	150.0	10052	948	12	0	0	0	0	11012	0	0	11012
2100 COTTON	198	220.5	*	*	516.3	21915	349	51	0	0	0	0	22315	0	0	22315
2200 COTTONSEED	41	33.8	*	*	44.0	2266	206	0	0	0	0	0	2472	0	0	2472
2300 SOYBEANS	161	115.1	*	*	186.4	11176	395	84	0	0	0	0	11656	0	0	11656
2400 PEANUTS	64	39.8	*	*	52.8	3427	30	44	0	0	0	0	3502	0	0	3502
2500 OTHER OILSEED CROPS	36	18.1	*	*	22.3	1566	15	21	0	0	0	0	1602	0	0	1602
2600 TOBACCO	47	39.2	*	*	81.1	3837	684	124	0	0	0	0	4645	0	0	4645
2700 SUGAR CROPS	80	52.9	*	*	143.2	7455	160	143	0	0	0	0	7759	0	0	7759
2800 MISC NEW CROPS	40	34.1	*	*	52.0	2656	16	236	0	0	0	0	2908	0	0	2908
2900 POULTRY	105	91.8	*	*	281.7	10820	103	0	0	0	0	0	10923	0	0	10923
3000 BEEF CATTLE	258	180.6	*	*	479.3	23776	1232	172	0	0	0	0	25180	0	0	25180
3100 DAIRY CATTLE	187	112.5	*	*	396.5	16959	1138	65	0	0	0	0	18162	0	0	18162
3200 SWINE	123	71.6	*	*	270.8	11947	377	0	0	0	0	0	12324	0	0	12324
3300 SHEEP AND WOOL	121	60.5	*	*	135.9	7920	527	69	0	0	0	0	8516	0	0	8516
3400 OTHER ANIMALS	53	18.7	*	*	58.4	2420	501	39	0	0	0	0	2960	0	0	2960
3500 BEES AND HONEY	40	28.8	*	*	47.6	2357	241	0	0	0	0	0	2599	0	0	2599
3600 FARM SUPP & FACILITS	6	3.9	*	*	5.9	307	0	0	0	0	0	0	307	0	0	307
3700 CLOTHING & TEXTILES	5	3.2	*	*	4.9	201	46	0	0	0	0	0	247	0	0	247
3800 FOOD	75	75.6	*	*	133.6	9905	563	3194	0	0	0	0	13661	0	0	13661
3900 HOUSING & EQUIP	34	17.2	*	*	29.5	1826	403	0	0	0	0	0	2230	0	0	2230
4000 PEOPLE AS INDIVIDUAL	72	64.1	*	*	115.4	6392	410	181	0	0	0	0	6983	0	0	6983
4100 FAMILY MEMBERS	17	6.7	*	*	10.8	419	142	2463	0	0	0	0	3023	0	0	3023
4500 AGRIC ECONOMY FORGN	1	0.1	*	*	0.0	0	64	0	0	0	0	0	64	0	0	64
4700 OTH MARKET PROCESS	5	0.8	*	*	0.2	0	0	0	0	0	0	0	0	0	0	0
4800 MARKETING SYSTEMS	2	0.6	*	*	0.1	53	0	0	0	0	0	0	53	0	0	53
6100 WEEDS	41	19.1	*	*	26.9	1798	98	7	0	0	0	0	1903	0	0	1903
6200 SEED RESEARCH	13	9.6	*	*	17.1	1001	0	0	0	0	0	0	1001	0	0	1001
6300 BIO CELL SYSTEMS	18	11.4	*	*	19.3	1121	24	34	0	0	0	0	1178	0	0	1178
6500 INVERTEBRATES	80	109.3	*	*	170.9	10509	280	51	0	0	0	0	10840	0	0	10840
6600 MICROORGANISMS, VIRUS	44	22.5	*	*	38.9	2440	187	230	0	0	0	0	2856	0	0	2856
6700 PLANTS	190	205.3	*	*	312.1	18564	1119	205	0	0	0	0	19889	0	0	19889
6800 ANIMALS (VERTEBRATES)	34	34.0	*	*	51.2	3570	147	45	0	0	0	0	3762	0	0	3762
6900 RESEARCH ON RSCH MGM	1	0.0	*	*	0.0	0	21	0	0	0	0	0	21	0	0	21
7000 RSCH EQUIP & TECHNOL	13	6.1	*	*	11.0	521	47	28	0	0	0	0	596	0	0	596
9900 UNCLASSIFIED	4	8.6	*	*	12.8	839	103	0	0	0	0	0	942	0	0	942
TOTAL	4283	2952.6	*	*	5935.7	313618	16390	8024	0	0	0	0	338032	0	0	338032

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
AGRICULTURAL RESEARCH

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G CA SAES	OTHER CN GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	YEARS OTHER											
SERIES 100																
101 APPRAIS OF SOIL RES	1	0.5	*	*	0.3	59	0	0	0	0	0	0	59	0	0	59
102 SOIL PLNT WTR NUTRI	139	93.5	*	*	161.4	8869	952	0	0	0	0	0	9821	0	0	9821
103 MGMT OF SALINE SCIL	10	13.2	*	*	29.4	1393	20	0	0	0	0	0	1413	0	0	1413
105 CONSERV USE OF WATE	106	61.1	*	*	110.2	6609	509	0	0	0	0	0	7118	0	0	7118
106 DRAIN AND IRRIGATION	71	40.1	*	*	66.4	3925	1097	51	0	0	0	0	5073	0	0	5073
107 WATERSHED PROT & MG	112	85.6	*	*	200.8	9301	129	0	0	0	0	0	9431	0	0	9431
108 ECON LEG PROB OF WA	2	0.3	*	*	0.4	22	49	0	0	0	0	0	71	0	0	71
109 WEATHER ADAPT & MOD	13	5.7	*	*	8.7	652	30	0	0	0	0	0	683	0	0	683
111 BIOL CULT MGMT PCRS	1	0.4	*	*	1.4	54	0	0	0	0	0	0	54	0	0	54
112 IMPROV RANGE RESCR	58	29.0	*	*	60.3	3390	162	0	0	0	0	0	3552	0	0	3552
113 REMOTE SENSING	6	7.0	*	*	16.0	705	3	0	0	0	0	0	708	0	0	708
SUBTOTAL	519	336.2	*	*	655.2	34980	2951	51	0	0	0	0	37982	0	0	37982
SERIES 200																
201 CNTRL FORST INSECTS	11	7.9	*	*	4.1	650	284	0	0	0	0	0	934	0	0	934
204 CNTR PESTS FRT & VE	112	69.2	*	*	183.5	8657	521	88	0	0	0	0	9266	0	0	9266
205 CNTR DISE FRT & VEG	146	61.9	*	*	135.9	6904	1021	14	0	0	0	0	7938	0	0	7938
206 CNTR WEEDS FRT & VE	35	19.5	*	*	16.7	911	64	98	0	0	0	0	1072	0	0	1072
207 CNTR PESTS FLD CROP	214	152.4	*	*	356.8	17057	339	2	0	0	0	0	17397	0	0	17397
208 CNTR DIS FIELD CROP	226	128.6	*	*	205.7	13098	419	218	0	0	0	0	13735	0	0	13735
209 CNTR WEEDS FLD CROP	123	61.7	*	*	95.7	6029	350	35	0	0	0	0	6414	0	0	6414
210 CNTR PESTS ANIMALS	35	48.6	*	*	114.4	4889	239	113	0	0	0	0	5241	0	0	5241
211 CNTR DIS ANIMALS	150	133.9	*	*	742.1	26013	1697	91	0	0	0	0	27801	0	0	27801
212 CNTR INTER PARASITE	29	34.8	*	*	112.6	4697	95	0	0	0	0	0	4792	0	0	4792
213 PROT ANHLS FROM TOX	35	28.6	*	*	69.4	3145	128	94	0	0	0	0	3367	0	0	3367
214 PROTECT FROM POLLUT	19	13.3	*	*	18.1	1411	43	23	0	0	0	0	1477	0	0	1477
SUBTOTAL	1135	760.4	*	*	2054.9	93463	5197	775	0	0	0	0	99435	0	0	99435
SERIES 300																
304 IMP BIO EFF FRT & V	101	55.5	*	*	122.3	6179	164	72	0	0	0	0	6415	0	0	6415
305 MECH PROD FRT & VEG	21	12.7	*	*	14.8	1315	79	0	0	0	0	0	1394	0	0	1394
306 PROD MGMT SYS F & V	5	1.2	*	*	1.2	45	105	0	0	0	0	0	150	0	0	150
307 IMP BIO EFF FLD CRP	321	169.6	*	*	298.0	17785	640	18	0	0	0	0	18443	0	0	18443
308 MECH PROD FIELD CRO	44	36.1	*	*	78.6	3708	94	0	0	0	0	0	3802	0	0	3802
309 PROD MGMT SIS FLD C	21	5.1	*	*	12.6	612	59	0	0	0	0	0	671	0	0	671
310 ANIMAL REPRODUCTION	52	39.4	*	*	80.7	6007	151	31	0	0	0	0	6190	0	0	6190
311 IMP BIO EFF ANML PR	124	74.7	*	*	224.6	11892	1059	0	0	0	0	0	12951	0	0	12951
312 ENV STRESS IN ANML	25	11.7	*	*	18.4	1271	191	4	0	0	0	0	1466	0	0	1466
313 PROD MGMT SYS ANML	14	5.7	*	*	14.4	744	96	0	0	0	0	0	840	0	0	840
314 BEES OTH POLLNTNG I	40	28	*	*	47.6	2357	241	0	0	0	0	0	2599	0	0	2599
315 IMP STRUC FARM SUPP	11	6	*	*	12.6	794	0	0	0	0	0	0	794	0	0	794
317 MECH/STRUCTS ANML P	11	5	*	*	10.1	738	46	0	0	0	0	0	784	0	0	784
318 NON-COM BIO TECH/BI	202	232.7	*	*	375.7	22855	945	310	0	0	0	0	24110	0	0	24110
SUBTOTAL	992	683.6	*	*	1311.6	76303	3870	435	0	0	0	0	80608	0	0	80608
SERIES 400																
402 PROD F & V IMP ACCE	46	13.0	*	*	27.2	1372	18	8	0	0	0	0	1399	0	0	1399
403 NEW & IMP F&V PROD	45	76.3	*	*	79.1	5963	22	0	0	0	0	0	5985	0	0	5985
404 MKT QUAL FRTS & VEG	88	57.7	*	*	89.0	5192	135	11	0	0	0	0	5338	0	0	5338
405 PROD FLD CROP IMF A	138	79.3	*	*	123.7	7567	247	166	0	0	0	0	7980	0	0	7980
406 NEW IMP FOOD FLD CR	60	103.7	*	*	137.5	8277	234	0	0	0	0	0	8511	0	0	8511
407 NEW IMP NON-FOOD PC	55	95.0	*	*	158.4	7736	45	11	0	0	0	0	7792	0	0	7792
408 MKT QUAL FIELD CROP	62	45.5	*	*	74.3	4241	18	84	0	0	0	0	4343	0	0	4343
409 PROD ANML PR IMP AC	10	5.8	*	*	13.2	947	0	0	0	0	0	0	947	0	0	947
410 IMP MEAT MILK EGG P	29	47.2	*	*	71.2	3996	13	0	0	0	0	0	4009	0	0	4009
411 IMP NON-FOOD ANML P	17	33.1	*	*	37.6	2885	135	0	0	0	0	0	3020	0	0	3020
412 MKT QUAL ANIMAL PRO	17	11.3	*	*	21.9	976	0	0	0	0	0	0	976	0	0	976
SUBTOTAL	567	567.7	*	*	833.1	49152	868	281	0	0	0	0	50301	0	0	50301
SERIES 500																
501 IMP GRADES & STANDS	26	24.3	*	*	47.3	2599	124	0	0	0	0	0	2723	0	0	2723
503 MKTG EFF AGRI PRCDs	67	34.5	*	*	37.6	1949	19	130	0	0	0	0	2097	0	0	2097
506 SPLY DEMAND AND PRI	2	0.1	*	*	0.1	5	8	0	0	0	0	0	14	0	0	14
508 DOMESTIC MKT DEVELP	1	0.0	*	*	0.0	0	3	0	0	0	0	0	3	0	0	3
509 PERFORMANCE MKTG SY	9	1.8	*	*	1.0	55	0	0	0	0	0	0	55	0	0	55
SUBTOTAL	105	60.7	*	*	86.1	4608	154	130	0	0	0	0	4892	0	0	4892
SERIES 600																
602 EVAL FGM FOOD AID P	1	0.1	*	*	0.0	0	43	0	0	0	0	0	43	0	0	43
603 TECH AID DEV CRTY	13	6.7	*	*	3.6	231	324	312	0	0	0	0	867	0	0	867
604 PRD DVLPMT/MKTG PRG	26	28.2	*	*	47.0	2531	0	20	0	0	0	0	2551	0	0	2551
SUBTOTAL	40	34.9	*	*	50.6	2763	367	332	0	0	0	0	3461	0	0	3461
SERIES 700																
701 TOX RES IN FOOD	27	42.7	*	*	67.1	5035	10	0	0	0	0	0	5045	0	0	5045
702 FOOD PROT FROM TCX	73	82.9	*	*	139.1	7433	138	9	0	0	0	0	7580	0	0	7580
703 FOOD CONSUMP HABITS	12	20.9	*	*	35.8	4013	284	2448	0	0	0	0	6745	0	0	6745
704 HOME COMM FOOD SERV	2	1.1	*	*	1.4	67	0	0	0	0	0	0	67	0	0	67
705 SEL CARE CLOTH & TE	5	3.2	*	*	4.9	201	46	0	0	0	0	0	247	0	0	247
706 CONTR INSECTS AFF M	27	31.4	*	*	50.1	2578	136	0	0	0	0	0	2714	0	0	2714
707 TRANS ANHML MAN DI	1	0.3	*	*	0.4	20	0	0	0	0	0	0	20	0	0	20
708 HUMAN NUTRITION	101	93.0	*	*	181.5	10365	1031	3389	0	0	0	0	14785	0	0	14785
709 REDUCE HAZ HLTH & S	56	65.9	*	*	94.2	4711	756	97	0	0	0	0	5564	0	0	5564
SUBTOTAL	304	341.2	*	*	574.4	34423	2402	5943	0	0	0	0	42768	0	0	42768
SERIES 800																
801 RURAL HOUSING	2	4.0	*	*	7.1	552	0	0	0	0	0	0	552	0	0	552
802 INDIV & FAM DEC MAK	4	3.3	*	*	6.2	246	0	0	0	0	0	0	246	0	0	246
SUBTOTAL	6	7.3	*	*	13.3	798	0	0	0	0	0	0	798	0	0	798

AGRICULTURAL RESEARCH

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			YEARS OTHER	REG IN HOUSE	C G CA SAES	CN GT	OTHER 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FUND	NON- FED	TOTAL
			I.H.	SUPPORT	TECH												
SERIES 900																	
901 ALLEV POLLUTION	107	105.7	*	*		179.2	9668	218	67	0	0	0	0	9954	0	0	9954
904 WLDLFE AND FISH ECO	11	2.6	*	*		4.5	158	179	11	0	0	0	0	347	0	0	347
905 TREES BEAUTIFICATIO	17	12.1	*	*		70.0	2508	4	0	0	0	0	0	2512	0	0	2512
906 ORNAMENT & TURF DEV	51	31.4	*	*		89.9	3956	76	0	0	0	0	0	4032	0	0	4032
990 UNCLASSIFIED	4	8.6	*	*		12.8	839	103	0	0	0	0	0	942	0	0	942
SUBTOTAL	190	160.5	*	*		356.5	17129	580	78	0	0	0	0	17787	0	0	17787
SCIENCE IN SERV OF MAN																	
GRAND TOTAL	3858	2952.6	*	*		5935.7	313618	16390	8024	0	0	0	0	338032	0	0	338032

## COOPERATIVE RESEARCH

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PEOJ	STAFF				REG IN HOUSE	C	G	CA	OTHER CN GT	SP	PD	SP	PD	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	PROF	TECH	OTHER															
0100 SOIL AND LAND	10	0.0	0.0	0.0	0.0	0			404	0	0	0	0	0	0	0	404	0	0	404
0200 WATER	4	0.0	0.0	0.0	0.0	0			44	0	0	0	0	0	0	0	44	0	0	44
0300 WATERSHEDS RIVER BAS	4	0.0	0.0	0.0	0.0	0			214	0	0	0	0	0	0	0	214	0	0	214
0400 AIR AND CLIMATE	1	0.0	0.0	0.0	0.0	0			2	0	0	0	0	0	0	0	2	0	0	2
0600 TIMBER FORST PRODUCT	22	0.0	0.0	0.0	0.0	0			1134	0	0	0	0	0	0	0	1134	0	0	1134
0800 WILDLIFE AND FISH	5	0.0	0.0	0.0	0.0	0			346	0	0	0	0	0	0	0	346	0	0	346
0900 CITRUS SUB TROP FRUIT	1	0.0	0.0	0.0	0.0	0			2	0	0	0	0	0	0	0	2	0	0	2
1000 FRUIT NUTS DECIDUCUS	6	0.0	0.0	0.0	0.0	0			214	0	0	0	0	0	0	0	214	0	0	214
1100 POTATOES	4	0.0	0.0	0.0	0.0	0			187	0	0	0	0	0	0	0	187	0	0	187
1200 VEGETABLES	13	0.0	0.0	0.0	0.0	0			368	0	0	0	0	0	0	0	368	0	0	368
1300 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	0			1	0	0	0	0	0	0	0	1	0	0	1
1400 CORN	5	0.0	0.0	0.0	0.0	0			208	0	0	0	0	0	0	0	208	0	0	208
1600 RICE	1	0.0	0.0	0.0	0.0	0			3	0	0	0	0	0	0	0	3	0	0	3
1700 WHEAT	9	0.0	0.0	0.0	0.0	0			436	0	0	0	0	0	0	0	436	0	0	436
1800 OTHER SMALL GRAINS	4	0.0	0.0	0.0	0.0	0			41	0	0	0	0	0	0	0	41	0	0	41
1900 PASTURE	2	0.0	0.0	0.0	0.0	0			1	0	0	0	0	0	0	0	1	0	0	1
2000 FORAGE CROPS	3	0.0	0.0	0.0	0.0	0			86	0	0	0	0	0	0	0	86	0	0	86
2100 COTTON	4	0.0	0.0	0.0	0.0	0			98	0	0	0	0	0	0	0	98	0	0	98
2300 SOYBEANS	11	0.0	0.0	0.0	0.0	0			714	0	0	0	0	0	0	0	714	0	0	714
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0			8	0	0	0	0	0	0	0	8	0	0	8
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0			24	0	0	0	0	0	0	0	24	0	0	24
2700 SUGAR CROPS	4	0.0	0.0	0.0	0.0	0			17	0	0	0	0	0	0	0	17	0	0	17
2900 POULTRY	17	0.0	0.0	0.0	0.0	0			1065	0	0	0	0	0	0	0	1065	0	0	1065
3000 BEEF CATTLE	39	0.0	0.0	0.0	0.0	0			2677	0	0	0	0	0	0	0	2677	0	0	2677
3100 DAIRY CATTLE	31	0.0	0.0	0.0	0.0	0			2489	0	0	0	0	0	0	0	2489	0	0	2489
3200 SWINE	19	0.0	0.0	0.0	0.0	0			1877	0	0	0	0	0	0	0	1877	0	0	1877
3300 SHEEP AND WOOL	9	0.0	0.0	0.0	0.0	0			339	0	0	0	0	0	0	0	339	0	0	339
3400 OTHER ANIMALS	8	0.0	0.0	0.0	0.0	0			527	0	0	0	0	0	0	0	527	0	0	527
3600 FARM SUPP & FACILITS	2	0.0	0.0	0.0	0.0	0			17	0	0	0	0	0	0	0	17	0	0	17
3800 FOOD	6	0.0	0.0	0.0	0.0	0			525	0	0	0	0	0	0	0	525	0	0	525
3900 HOUSING & EQUIP	2	0.0	0.0	0.0	0.0	0			64	0	0	0	0	0	0	0	64	0	0	64
4000 PEOPLE AS INDIVIDUAL	3	0.0	0.0	0.0	0.0	0			46	0	0	0	0	0	0	0	46	0	0	46
4100 FAMILY MEMBERS	1	0.0	0.0	0.0	0.0	0			15	0	0	0	0	0	0	0	15	0	0	15
4300 SOC POLIT ORGANIZ	3	0.0	0.0	0.0	0.0	0			164	0	0	0	0	0	0	0	164	0	0	164
4400 AGRIC ECONOMY U S	1	0.0	0.0	0.0	0.0	0			58	0	0	0	0	0	0	0	58	0	0	58
4700 OTH MARKET PROCESS	1	0.0	0.0	0.0	0.0	0			27	0	0	0	0	0	0	0	27	0	0	27
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0			15	0	0	0	0	0	0	0	15	0	0	15
6100 WEEDS	2	0.0	0.0	0.0	0.0	0			5	0	0	0	0	0	0	0	5	0	0	5
6500 INVERTEBRATES	2	0.0	0.0	0.0	0.0	0			6	0	0	0	0	0	0	0	6	0	0	6
6600 MICROORGANISMS,VIRUS	5	0.0	0.0	0.0	0.0	0			255	0	0	0	0	0	0	0	255	0	0	255
6700 PLANTS	49	0.0	0.0	0.0	0.0	0			1677	0	0	0	0	0	0	0	1677	0	0	1677
6800 ANIMALS (VERTEBRATES)	23	0.0	0.0	0.0	0.0	0			152	0	0	0	0	0	0	0	152	0	0	152
7000 RSCH EQUIP & TECHNOL	2	0.0	0.0	0.0	0.0	0			15	0	0	0	0	0	0	0	15	0	0	15
TOTAL	342	0.0	0.0	0.0	0.0	0			16565	0	0	0	0	0	0	0	16565	0	0	16565

## COOPERATIVE RESEARCH

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					PROBLEM AREA										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER	REG HOUSE	IN C G	CA SAES	OTHER CN GT	SP PD 015	SP FD 010	FORST SERV	OTHER USDA							
SERIES 100																				
101 APPRAIS OF SOIL RES	1	0.0	0.0	0.0	0.0	0	40	0	0	0	0	0	40	0	0	0	40			
102 SOIL PLMT WTR NUTRI	3	0.0	0.0	0.0	0.0	0	128	0	0	0	0	0	128	0	0	0	128			
104 ALTERN USE OF LAND	1	0.0	0.0	0.0	0.0	0	73	0	0	0	0	0	73	0	0	0	73			
105 CONSERV USE OF WATE	2	0.0	0.0	0.0	0.0	0	22	0	0	0	0	0	22	0	0	0	22			
107 WATERSHED PROT & MG	3	0.0	0.0	0.0	0.0	0	220	0	0	0	0	0	220	0	0	0	220			
109 WEATHER ADAPT & MOD	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	11	0	0	0	11			
110 APPRAIS FOREST & RAN	2	0.0	0.0	0.0	0.0	0	73	0	0	0	0	0	73	0	0	0	73			
111 BIOL CULT MGMT FCERS	1	0.0	0.0	0.0	0.0	0	16	0	0	0	0	0	16	0	0	0	16			
SUBTOTAL	14	0.0	0.0	0.0	0.0	0	583	0	0	0	0	0	583	0	0	0	583			
SERIES 200																				
201 CNTRL FORST INSECTS	18	0.0	0.0	0.0	0.0	0	906	0	0	0	0	0	906	0	0	0	906			
202 CONTROL FOREST DIS	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	2	0	0	0	2			
204 CNTR PESTS FRT & VE	10	0.0	0.0	0.0	0.0	0	282	0	0	0	0	0	282	0	0	0	282			
205 CNTR DISE FRT & VEG	9	0.0	0.0	0.0	0.0	0	247	0	0	0	0	0	247	0	0	0	247			
206 CNTR WEEDS FRT & VE	2	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	3	0	0	0	3			
207 CNTR PESTS FLD CROP	8	0.0	0.0	0.0	0.0	0	98	0	0	0	0	0	98	0	0	0	98			
208 CNTR DIS FIELD CROP	15	0.0	0.0	0.0	0.0	0	473	0	0	0	0	0	473	0	0	0	473			
209 CNTR WEEDS FLD CROP	9	0.0	0.0	0.0	0.0	0	63	0	0	0	0	0	63	0	0	0	63			
210 CNTR PESTS ANIMALS	6	0.0	0.0	0.0	0.0	0	500	0	0	0	0	0	500	0	0	0	500			
211 CNTR DIS ANIMALS	60	0.0	0.0	0.0	0.0	0	5662	0	0	0	0	0	5662	0	0	0	5662			
212 CNTR INTER PARASITE	10	0.0	0.0	0.0	0.0	0	1047	0	0	0	0	0	1047	0	0	0	1047			
213 PROT ANMLS FROM TOX	7	0.0	0.0	0.0	0.0	0	745	0	0	0	0	0	745	0	0	0	745			
214 PROTECT FROM POLLUT	7	0.0	0.0	0.0	0.0	0	62	0	0	0	0	0	62	0	0	0	62			
SUBTOTAL	162	0.0	0.0	0.0	0.0	0	10088	0	0	0	0	0	10088	0	0	0	10088			
SERIES 300																				
303 ECON TIMBER PRODUCT	1	0.0	0.0	0.0	0.0	0	74	0	0	0	0	0	74	0	0	0	74			
304 IMP BIO EFF FRT & V	4	0.0	0.0	0.0	0.0	0	71	0	0	0	0	0	71	0	0	0	71			
306 PROD MGMT SYS F & V	1	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	17	0	0	0	17			
307 IMP BIO EFF FLD CRP	11	0.0	0.0	0.0	0.0	0	514	0	0	0	0	0	514	0	0	0	514			
308 MECH PROD FIELD CRO	1	0.0	0.0	0.0	0.0	0	29	0	0	0	0	0	29	0	0	0	29			
309 PROD MGMT SYS FLD C	1	0.0	0.0	0.0	0.0	0	40	0	0	0	0	0	40	0	0	0	40			
310 ANIMAL REPRODUCTION	2	0.0	0.0	0.0	0.0	0	110	0	0	0	0	0	110	0	0	0	110			
311 IMP BIO EFF ANML PR	8	0.0	0.0	0.0	0.0	0	740	0	0	0	0	0	740	0	0	0	740			
312 ENV STRESS IN ANML	2	0.0	0.0	0.0	0.0	0	121	0	0	0	0	0	121	0	0	0	121			
318 NON-COM BIO TECH/BI	5	0.0	0.0	0.0	0.0	0	184	0	0	0	0	0	184	0	0	0	184			
SUBTOTAL	36	0.0	0.0	0.0	0.0	0	1902	0	0	0	0	0	1902	0	0	0	1902			
SERIES 400																				
403 NEW & IMP F&V PRCD	1	0.0	0.0	0.0	0.0	0	49	0	0	0	0	0	49	0	0	0	49			
407 NEW IMP NON-FOOD FC	2	0.0	0.0	0.0	0.0	0	121	0	0	0	0	0	121	0	0	0	121			
410 IMP MEAT MILK EGG P	1	0.0	0.0	0.0	0.0	0	27	0	0	0	0	0	27	0	0	0	27			
412 MKT QUAL ANIMAL PRO	1	0.0	0.0	0.0	0.0	0	37	0	0	0	0	0	37	0	0	0	37			
SUBTOTAL	5	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	234	0	0	0	234			
SERIES 500																				
501 IMP GRADES & STANDS	1	0.0	0.0	0.0	0.0	0	9	0	0	0	0	0	9	0	0	0	9			
502 MKTG TIMBER PRODUCT	1	0.0	0.0	0.0	0.0	0	62	0	0	0	0	0	62	0	0	0	62			
503 MKTG EFF AGRI PRCD	5	0.0	0.0	0.0	0.0	0	295	0	0	0	0	0	295	0	0	0	295			
507 COMP REL IN AGRIC	1	0.0	0.0	0.0	0.0	0	29	0	0	0	0	0	29	0	0	0	29			
509 PERFORMANCE MKTG SY	3	0.0	0.0	0.0	0.0	0	98	0	0	0	0	0	98	0	0	0	98			
510 GROUP ACT MKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	15	0	0	0	15			
SUBTOTAL	12	0.0	0.0	0.0	0.0	0	508	0	0	0	0	0	508	0	0	0	508			
SERIES 600																				
603 TECH AID DEV CRTY	1	0.0	0.0	0.0	0.0	0	54	0	0	0	0	0	54	0	0	0	54			
SUBTOTAL	1	0.0	0.0	0.0	0.0	0	54	0	0	0	0	0	54	0	0	0	54			
SERIES 700																				
701 TOX RES IN FOOD	44	0.0	0.0	0.0	0.0	0	1831	0	0	0	0	0	1831	0	0	0	1831			
702 FOOD PROT FROM TOX	2	0.0	0.0	0.0	0.0	0	115	0	0	0	0	0	115	0	0	0	115			
SUBTOTAL	46	0.0	0.0	0.0	0.0	0	1946	0	0	0	0	0	1946	0	0	0	1946			
SERIES 800																				
802 INDIV & FAM DEC MAK	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	15	0	0	0	15			
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	11	0	0	0	11			
806 ADJUSTMENT TO CHANG	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	11	0	0	0	11			
807 AGRIC ECONOMIC CHAN	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	58	0	0	0	58			
SUBTOTAL	4	0.0	0.0	0.0	0.0	0	95	0	0	0	0	0	95	0	0	0	95			
SERIES 900																				
901 ALLEV POLLUTION	13	0.0	0.0	0.0	0.0	0	627	0	0	0	0	0	627	0	0	0	627			
904 WDLFE AND FISH ECO	4	0.0	0.0	0.0	0.0	0	345	0	0	0	0	0	345	0	0	0	345			
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	1	0	0	0	1			
907 RURAL INCOME IMP	3	0.0	0.0	0.0	0.0	0	76	0	0	0	0	0	76	0	0	0	76			
908 RURAL INSTITUT IMP	3	0.0	0.0	0.0	0.0	0	105	0	0	0	0	0	105	0	0	0	105			
SUBTOTAL	24	0.0	0.0	0.0	0.0	0	1155	0	0	0	0	0	1155	0	0	0	1155			
SCIENCE IN SERV OF MAN																				
GRAND TOTAL	304	0.0	0.0	0.0	0.0	0	16566	0	0	0	0	0	16566	0	0	0	16566			

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG IN HOUSE	C G SAES	CA CN GT	OTHER GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.H.	SUPPORT	YEARS												
			PROF	TECH	OTHER												
0600 TIMBER FORST PRODUCT	1	0.0	0.0	0.0	0.0	0	0	98	0	0	0	0	0	98	0	0	98
0900 CITRUS SUB TROP FRUT	1	0.0	0.0	0.0	0.0	0	0	30	0	0	0	0	0	30	0	0	30
1100 POTATOES	2	0.0	0.0	0.0	0.0	0	0	145	0	0	0	0	0	145	0	0	145
1200 VEGETABLES	12	0.0	0.0	0.0	0.0	0	0	820	0	0	0	0	0	820	0	0	820
1400 CORN	9	0.0	0.0	0.0	0.0	0	0	631	0	0	0	0	0	631	0	0	631
1700 WHEAT	3	0.0	0.0	0.0	0.0	0	0	130	0	0	0	0	0	130	0	0	130
1800 OTHER SMALL GRAINS	6	0.0	0.0	0.0	0.0	0	0	345	0	0	0	0	0	345	0	0	345
1900 PASTURE	1	0.0	0.0	0.0	0.0	0	0	70	0	0	0	0	0	70	0	0	70
2000 FORAGE CROPS	9	0.0	0.0	0.0	0.0	0	0	594	0	0	0	0	0	594	0	0	594
2100 COTTON	1	0.0	0.0	0.0	0.0	0	0	35	0	0	0	0	0	35	0	0	35
2300 SOYBEANS	12	0.0	0.0	0.0	0.0	0	0	632	0	0	0	0	0	632	0	0	632
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	0	50	0	0	0	0	0	50	0	0	50
2700 SUGAR CROPS	1	0.0	0.0	0.0	0.0	0	0	30	0	0	0	0	0	30	0	0	30
2800 MISC NEW CROPS	2	0.0	0.0	0.0	0.0	0	0	121	0	0	0	0	0	121	0	0	121
3400 OTHER ANIMALS	2	0.0	0.0	0.0	0.0	0	0	133	0	0	0	0	0	133	0	0	133
3600 FARM SUPP & FACILITS	1	0.0	0.0	0.0	0.0	0	0	25	0	0	0	0	0	25	0	0	25
3800 FOOD	42	0.0	0.0	0.0	0.0	0	0	4769	0	0	0	0	0	4769	0	0	4769
4000 PEOPLE AS INDIVIDUAL	1	0.0	0.0	0.0	0.0	0	0	18	0	0	0	0	0	18	0	0	18
6100 WEEDS	3	0.0	0.0	0.0	0.0	0	0	130	0	0	0	0	0	130	0	0	130
6300 BIO CELL SYSTEMS	20	0.0	0.0	0.0	0.0	0	0	954	0	0	0	0	0	954	0	0	954
6500 INVERTEBRATES	8	0.0	0.0	0.0	0.0	0	0	366	0	0	0	0	0	366	0	0	366
6600 MICROORGANISMS, VIRUS	20	0.0	0.0	0.0	0.0	0	0	1435	0	0	0	0	0	1435	0	0	1435
6700 PLANTS	49	0.0	0.0	0.0	0.0	0	0	2907	0	0	0	0	0	2907	0	0	2907
TOTAL	207	0.0	0.0	0.0	0.0	0	0	14467	0	0	0	0	0	14467	0	0	14467

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG IN HOUSE	C G SAES	CA CN GT	OTHER GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.H.	SUPPORT	YEARS												
			PROF	TECH	OTHER												
SERIES 100																	
111 BIOL CULT MGMT PCRS	1	0.0	0.0	0.0	0.0	0	0	98	0	0	0	0	0	98	0	0	98
SUBTOTAL	1	0.0	0.0	0.0	0.0	0	0	98	0	0	0	0	0	98	0	0	98
SERIES 200																	
205 CMTR DISE FRT & VEG	3	0.0	0.0	0.0	0.0	0	0	159	0	0	0	0	0	159	0	0	159
206 CMTR WEEDS FRT & VE	2	0.0	0.0	0.0	0.0	0	0	175	0	0	0	0	0	175	0	0	175
207 CMTR PESTS FLD CROP	6	0.0	0.0	0.0	0.0	0	0	367	0	0	0	0	0	367	0	0	367
208 CMTR DIS FIELD CROP	22	0.0	0.0	0.0	0.0	0	0	1232	0	0	0	0	0	1232	0	0	1232
209 CMTR WEEDS FLD CROP	1	0.0	0.0	0.0	0.0	0	0	27	0	0	0	0	0	27	0	0	27
211 CONTR DIS ANIMALS	4	0.0	0.0	0.0	0.0	0	0	201	0	0	0	0	0	201	0	0	201
SUBTOTAL	38	0.0	0.0	0.0	0.0	0	0	2160	0	0	0	0	0	2160	0	0	2160
SERIES 300																	
304 IMP BIO EFF FRT & V	19	0.0	0.0	0.0	0.0	0	0	1319	0	0	0	0	0	1319	0	0	1319
307 IMP BIO EFF FLD CRP	34	0.0	0.0	0.0	0.0	0	0	2113	0	0	0	0	0	2113	0	0	2113
315 IMP STRUC FARM SUPP	1	0.0	0.0	0.0	0.0	0	0	25	0	0	0	0	0	25	0	0	25
318 NON-COM BIO TECH/BI	53	0.0	0.0	0.0	0.0	0	0	3547	0	0	0	0	0	3547	0	0	3547
SUBTOTAL	107	0.0	0.0	0.0	0.0	0	0	7004	0	0	0	0	0	7004	0	0	7004
SERIES 400																	
405 PROD FLD CROP IMP A	1	0.0	0.0	0.0	0.0	0	0	50	0	0	0	0	0	50	0	0	50
408 MKT QUAL FIELD CROP	1	0.0	0.0	0.0	0.0	0	0	18	0	0	0	0	0	18	0	0	18
SUBTOTAL	2	0.0	0.0	0.0	0.0	0	0	68	0	0	0	0	0	68	0	0	68
SERIES 700																	
701 TOX RES IN FOOD	3	0.0	0.0	0.0	0.0	0	0	118	0	0	0	0	0	118	0	0	118
702 FOOD PROT FROM TCX	1	0.0	0.0	0.0	0.0	0	0	70	0	0	0	0	0	70	0	0	70
703 FOOD CONSUMP HABITS	10	0.0	0.0	0.0	0.0	0	0	830	0	0	0	0	0	830	0	0	830
706 CONTR INSECTS AFF M	2	0.0	0.0	0.0	0.0	0	0	100	0	0	0	0	0	100	0	0	100
708 HUMAN NUTRITION	33	0.0	0.0	0.0	0.0	0	0	4020	0	0	0	0	0	4020	0	0	4020
SUBTOTAL	49	0.0	0.0	0.0	0.0	0	0	5138	0	0	0	0	0	5138	0	0	5138
SCIENCE IN SERV OF MAN																	
GRAND TOTAL	197	0.0	0.0	0.0	0.0	0	0	14467	0	0	0	0	0	14467	0	0	14467

## ECONOMICS STATISTICS COOPERATIVES SERVICE

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS					
	PL-480	AID	Other	Total	% Total
Grain	100	100	100	300	100%
Oilseeds	100	100	100	300	100%
Meat	100	100	100	300	100%
Dairy	100	100	100	300	100%
Fruit	100	100	100	300	100%
Vegetables	100	100	100	300	100%
Wool	100	100	100	300	100%
Textiles	100	100	100	300	100%
Minerals	100	100	100	300	100%
Metals	100	100	100	300	100%
Chemicals	100	100	100	300	100%
Transportation	100	100	100	300	100%
Machinery	100	100	100	300	100%
Electronics	100	100	100	300	100%
Services	100	100	100	300	100%
Construction	100	100	100	300	100%
Health	100	100	100	300	100%
Education	100	100	100	300	100%
Other	100	100	100	300	100%
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>300</b>	<b>100%</b>

	CLASSIFICATION CATEGORY	NO OF PEOJ	STAFF				REG IN HOUSE	C G CA SAES	OTHER CN GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.H. SUPPORT SYS	YEARS PROF	TECH	OTHER											
0100	SOIL AND LAND	37	23.1	0.2	1.0	3.2	1038	15	0	0	0	0	19	1072	263	0	1335
0200	WATER	41	21.4	3.7	0.0	0.8	695	22	0	0	0	0	19	735	453	0	1188
0300	WATERSHEDS RIVER BAS	27	8.2	0.0	0.0	0.2	290	8	0	0	0	0	0	298	112	0	410
0400	AIR AND CLIMATE	24	6.9	0.0	0.0	0.1	302	8	0	0	0	0	0	310	48	0	358
0900	CITRUS SUB TROP FRUT	11	5.2	0.0	0.0	2.4	308	1	0	0	0	0	0	309	0	0	309
1000	FRUIT NUTS DECIDUOUS	11	5.5	0.0	0.0	2.5	320	1	0	0	0	0	0	320	0	0	320
1100	POTATOES	8	2.1	0.0	0.0	0.9	118	1	0	0	0	0	0	119	0	0	119
1200	VEGETABLES	11	8.2	0.0	0.0	3.4	463	1	0	0	0	0	0	464	0	0	464
1300	ORNAMENTALS TURF	2	0.1	0.0	0.0	0.0	4	0	0	0	0	0	0	4	0	0	4
1400	CORN	29	7.4	0.0	0.0	3.8	478	5	0	0	0	0	0	482	2	0	484
1500	GRAIN SORGHUM	23	3.1	0.0	0.0	1.1	182	0	0	0	0	0	0	182	1	0	183
1600	RICE	23	3.1	0.0	0.0	1.1	182	0	0	0	0	0	0	182	1	0	183
1700	WHEAT	26	6.9	0.0	0.0	3.7	447	2	0	0	0	0	0	449	2	0	450
1800	OTHER SMALL GRAINS	23	2.1	0.0	0.0	0.7	126	0	0	0	0	0	0	126	1	0	127
2000	FORAGE CROPS	22	2.0	0.0	0.0	0.7	117	0	0	0	0	0	0	117	1	0	117
2100	COTTON	10	8.0	0.0	0.0	6.5	633	0	0	0	0	0	0	633	18	0	651
2200	COTTONSEED	1	1.3	0.0	0.0	1.9	133	0	0	0	0	0	0	133	0	0	133
2300	SOYBEANS	12	6.5	0.0	0.0	4.4	461	2	0	0	0	0	0	463	18	0	481
2400	PEANUTS	4	1.0	0.0	0.0	0.6	67	0	0	0	0	0	0	67	4	0	71
2500	OTHER OILSEED CROFS	1	0.2	0.0	0.0	0.3	19	0	0	0	0	0	0	19	0	0	19
2900	POULTRY	19	9.0	0.0	0.0	6.6	581	34	0	0	0	0	0	615	0	0	615
3000	BEEF CATTLE	19	11.8	0.0	0.0	5.5	734	27	0	0	0	0	0	760	14	0	774
3100	DAIRY CATTLE	15	14.6	0.0	0.0	7.7	949	7	0	0	0	0	0	956	0	0	956
3200	SWINE	17	8.3	0.0	0.0	4.3	508	24	0	0	0	0	0	532	10	0	542
3300	SHEEP AND WOOL	6	1.3	0.0	0.0	0.9	80	8	0	0	0	0	0	88	0	0	88
3600	FARM SUPP & FACILITS	12	37.5	0.2	0.0	14.4	3420	12	0	0	0	0	0	3432	42	0	3473
3800	FOOD	15	52.1	0.0	0.0	22.8	2743	17	0	0	0	0	0	2760	324	2	3086
3900	HOUSING & EQUIP	1	1.2	0.0	0.0	0.6	114	0	0	0	0	0	0	114	0	0	114
4000	PEOPLE AS INDIVIDUAL	7	16.6	0.4	0.0	8.2	1549	0	0	0	0	0	0	1549	0	0	1549
4100	FAMILY MEMBERS	5	8.3	4.5	0.0	3.2	889	0	0	0	0	0	0	889	22	0	911
4200	FAEM AS BUSINESS	9	17.3	0.0	0.0	5.9	2520	9	0	0	0	0	0	2529	124	0	2653
4300	SOC POLIT ORGANIZ	27	22.3	3.0	0.0	6.9	1847	10	0	0	0	0	0	1857	321	0	2178
4400	AGRIC ECONOMY U S	25	32.7	0.0	0.0	21.7	3635	10	0	0	0	0	0	3644	87	0	3731
4500	AGRIC ECONOMY FORGN	24	71.4	5.6	31.0	0.0	5130	0	0	0	0	0	0	5130	83	0	5213
4600	FARM COOPERATIVES	25	5.0	1.3	0.0	0.7	368	73	15	0	0	0	0	456	0	0	456
4800	MARKETING SYSTEMS	7	28.2	0.0	1.0	12.4	2240	0	0	0	0	0	0	2240	33	0	2273
6400	EXP DESIGN/STAT METH	1	5.0	0.5	4.0	6.0	250	0	0	0	0	0	0	250	0	0	250
6700	PLANTS	16	8.3	0.0	0.0	3.7	488	11	0	0	0	0	0	499	18	0	518
6800	ANIMALS (VERTEBRATES)	15	5.5	0.0	0.0	2.6	331	11	0	0	0	0	0	342	11	0	353
TOTAL		611	478.5	19.4	37.0	172.2	34758	317	15	0	0	0	37	35127	2012	2	37144

## ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C SAES	G CA	OTHER CN GT	SP 015	PD 010	PD FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER													
SERIES 100																		
104 ALTERN USE OF LAND	18	25.5	3.5	1.0	3.5	1194	0	0	0	0	0	0	0	0	1194	260	0	1454
105 CONSERV USE OF WATE	7	5.5	0.4	0.0	0.0	94	0	0	0	0	0	0	0	37	131	252	0	384
106 DRAIN AND IREIGATION	1	0.8	0.0	0.0	0.0	12	0	0	0	0	0	0	0	0	12	32	0	45
108 ECON LEG PROB OF WA	8	6.7	0.0	0.0	0.1	328	0	0	0	0	0	0	0	0	328	41	0	369
109 WEATHER ADAPT & MOD	6	4.3	0.0	0.0	0.0	64	0	0	0	0	0	0	0	0	64	119	0	183
SUBTOTAL	40	42.7	3.9	1.0	3.6	1693	0	0	0	0	0	0	0	37	1730	705	0	2435
SERIES 300																		
309 PROD MGMT SYS PLD C	3	3.2	0.0	0.0	1.5	163	0	0	0	0	0	0	0	0	163	0	0	163
312 ENV STRESS IN ANML	1	1.2	0.0	0.0	1.1	100	0	0	0	0	0	0	0	0	100	0	0	100
313 PROD MGMT SYS ANML	1	1.2	0.0	0.0	0.0	57	0	0	0	0	0	0	0	0	57	0	0	57
SUBTOTAL	5	5.6	0.0	0.0	2.6	320	0	0	0	0	0	0	0	0	320	0	0	320
SERIES 500																		
501 IMP GRADES & STANDS	3	1.6	0.0	0.0	0.1	90	0	0	0	0	0	0	0	0	90	5	0	95
503 MKTG EFF AGRI PRCDS	15	9.7	0.0	0.0	5.4	922	60	0	0	0	0	0	0	0	982	20	0	1002
506 SPLY DEMAND AND FRI	37	88.4	0.0	0.0	59.2	5877	81	0	0	0	0	0	0	0	5958	47	2	6007
507 COMP RRL IN AGRIC	8	16.1	0.0	0.0	4.9	923	0	0	0	0	0	0	0	0	923	38	0	960
508 DOMESTIC MKT DEVELP	5	8.2	0.0	0.0	3.2	462	0	0	0	0	0	0	0	0	462	46	0	508
509 PERFORMANCE MKTG SY	31	61.3	0.0	1.0	27.1	3800	17	0	0	0	0	0	1	0	3817	40	0	3857
510 GROUP ACT MKT POWER	25	5.0	1.3	0.0	0.7	368	73	15	0	0	0	0	0	0	456	0	0	456
511 IMP AGRIC STATISTIC	1	5.0	0.5	4.0	6.0	250	0	0	0	0	0	0	0	0	250	0	0	250
SUBTOTAL	125	195.3	1.8	5.0	106.5	12690	231	15	0	0	0	0	0	0	12937	195	2	13135
SERIES 600																		
601 FGN MKT DEVELP	24	71.4	5.6	31.0	0.0	5130	0	0	0	0	0	0	0	0	5130	83	0	5213
SUBTOTAL	24	71.4	5.6	31.0	0.0	5130	0	0	0	0	0	0	0	0	5130	83	0	5213
SERIES 700																		
703 FOOD CONSUMP HABITS	2	10.7	0.0	0.0	4.4	517	0	0	0	0	0	0	0	0	517	274	0	791
SUBTOTAL	2	10.7	0.0	0.0	4.4	517	0	0	0	0	0	0	0	0	517	274	0	791
SERIES 800																		
801 RURAL HOUSING	2	4.4	1.0	0.0	1.9	433	0	0	0	0	0	0	0	0	433	8	0	442
804 ECON POTENT RURL PE	5	7.6	3.5	0.0	2.9	753	0	0	0	0	0	0	0	0	753	14	0	767
806 ADJUSTMENT TO CHANG	6	14.1	0.4	0.0	7.2	1366	0	0	0	0	0	0	0	0	1366	0	0	1366
807 AGRIC ECONOMIC CHAN	28	41.9	0.0	0.0	20.3	5446	29	0	0	0	0	0	0	0	5474	242	0	5716
808 GOV'T PROGRAMS	19	22.9	0.0	0.0	9.4	1562	0	0	0	0	0	0	0	0	1562	20	0	1582
SUBTOTAL	60	90.9	4.9	0.0	41.6	9560	29	0	0	0	0	0	0	0	9589	285	0	9873
SERIES 900																		
901 ALLEV POLLUTION	25	40.9	0.2	0.0	6.7	3018	56	0	0	0	0	0	0	0	3074	179	0	3253
905 TREES BEAUTIFICATION	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
906 ORNAMENT & TURF DEV	1	0.1	0.0	0.0	0.0	4	0	0	0	0	0	0	0	0	4	0	0	4
907 RURAL INCOME IMP	4	8.1	0.2	0.0	2.8	935	0	0	0	0	0	0	0	0	935	93	0	1028
908 RURAL INSTITUT IMP	15	12.9	2.8	0.0	4.0	890	0	0	0	0	0	0	0	0	890	198	0	1088
SUBTOTAL	46	62.0	3.2	0.0	13.5	4847	56	0	0	0	0	0	0	0	4903	470	0	5373
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	302	478.5	19.4	37.0	172.2	34758	317	15	0	0	0	0	0	37	35127	2012	2	37144

## U S FOREST SERVICE

TABLE III-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C	G	CA	OTHER CN	GT	SP 015	PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FUND	NON- FED FUND	TOTAL
		SYS	I.H.SUPPORT PROF	TECH	YEARS OTHER															
0100 SOIL AND LAND	5	11.4	8.5	7.5	8.4	1622		0	0	0	0	0	0	0	39	0	1662	125	0	1787
0200 WATER	4	10.3	0.6	9.0	9.4	1093		0	0	0	0	0	0	0	35	0	1128	152	0	1280
0300 WATERSHEDS RIVER BAS	31	84.8	8.3	58.0	21.6	7980		0	0	0	0	0	0	0	779	0	8759	622	0	9381
0400 AIR AND CLIMATE	2	4.2	0.0	2.3	1.5	384		0	0	0	0	0	0	0	15	0	399	19	0	417
0500 RECREATION RESOURCES	18	35.7	7.4	7.5	11.2	4150		0	0	0	0	0	0	0	1573	0	5723	262	0	5985
0600 TIMBER FORST PRODUCT	189	688.3	135.4	439.5	234.9	68089		0	0	0	0	0	0	0	5907	0	73996	1795	0	75791
0700 RANGE	21	30.7	10.6	13.8	9.6	3742		0	0	0	0	0	0	0	449	0	4191	107	0	4298
0800 WILDLIFE AND FISH	30	66.6	5.6	34.0	17.8	6154		0	0	0	0	0	0	0	815	0	6969	248	0	7217
3900 HOUSING & EQUIP	4	12.0	2.4	11.0	3.5	1464		0	0	0	0	0	0	0	19	0	1483	31	0	1514
TOTAL	304	944.0	178.6	582.6	317.8	94679		0	0	0	0	0	0	0	9631	0	104309	3362	0	107671

## U S FOREST SERVICE

TABLE III-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER CN	SP	PD	SP	PD	FORST SERV	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		SYS	I.H.SUPPORT PROF	TECH	YEARS OTHER												USDA APPR	FED FUND	FED FUND	
SERIES 100																				
102 SOIL PLNT WTR NUTRI	1	1.8	0.4	0.9	0.4	156		0	0	0	0	0	0	0	16	0	171	5	0	176
105 CONSERV USE OF WATE	1	1.4	0.4	0.5	1.0	154		0	0	0	0	0	0	0	0	0	154	27	0	181
107 WATERSHED PROT & MG	32	89.9	8.2	63.2	28.7	8605		0	0	0	0	0	0	0	793	0	9398	727	0	10125
108 ECON LEG PROB OF WA	1	3.6	0.0	3.2	0.0	365		0	0	0	0	0	0	0	5	0	370	0	0	370
110 APPRAIS FORST & RAN	13	58.2	62.4	31.0	30.2	9910		0	0	0	0	0	0	0	488	0	10398	297	0	10695
111 BIOL CULT MGMT FCRS	60	194.4	20.5	128.7	61.7	16258		0	0	0	0	0	0	0	808	0	17067	616	0	17683
112 IMPROV RANGE RESCR	6	12.0	4.9	6.5	3.4	1339		0	0	0	0	0	0	0	113	0	1452	10	0	1462
SUBTOTAL	114	361.2	96.7	234.1	125.3	36787		0	0	0	0	0	0	0	2222	0	39010	1681	0	40691
SERIES 200																				
201 CNTRL FORST INSECTS	32	96.4	7.3	65.1	36.7	8958		0	0	0	0	0	0	0	801	0	9759	65	0	9824
202 CONTROL FOREST DIS	25	57.2	9.6	31.2	20.5	6902		0	0	0	0	0	0	0	1466	0	8368	91	0	8459
203 FOREST FIRE PROTECT	16	64.4	15.0	25.1	18.7	6978		0	0	0	0	0	0	0	654	0	7632	217	0	7849
207 CNTR PESTS PLD CROP	1	0.5	0.5	0.0	0.0	58		0	0	0	0	0	0	0	9	0	67	0	0	67
214 PROTECT FROM POLLUT	3	10.6	2.5	6.9	5.2	1944		0	0	0	0	0	0	0	144	0	2089	135	0	2224
SUBTOTAL	77	229.1	34.8	128.3	81.0	24839		0	0	0	0	0	0	0	3075	0	27914	509	0	28423
SERIES 300																				
301 GENET BREED FORST T	13	36.5	4.7	43.2	13.7	3648		0	0	0	0	0	0	0	47	0	3695	140	0	3835
302 IMP FOREST ENG SYS	4	13.9	1.8	9.2	4.3	1586		0	0	0	0	0	0	0	143	0	1728	7	0	1735
303 ECON TIMBER PRODUCT	4	7.1	0.0	0.8	4.4	496		0	0	0	0	0	0	0	59	0	556	0	0	556
SUBTOTAL	21	57.4	6.5	53.2	22.3	5730		0	0	0	0	0	0	0	249	0	5978	147	0	6125
SERIES 400																				
401 NEW IMP FOREST PROD	24	113.1	20.8	86.7	20.6	11590		0	0	0	0	0	0	0	900	0	12490	415	0	12905
SUBTOTAL	24	113.1	20.8	86.7	20.6	11590		0	0	0	0	0	0	0	900	0	12490	415	0	12905
SERIES 500																				
502 MKTG TIMBER PRODUCT	10	30.4	2.4	15.6	16.9	2540		0	0	0	0	0	0	0	312	0	2852	0	0	2852
512 IMP GRADES FRST PRO	2	9.0	1.3	5.6	4.6	667		0	0	0	0	0	0	0	0	0	667	6	0	673
513 PRICE ANAL FRST PRO	2	5.5	1.6	1.5	0.5	369		0	0	0	0	0	0	0	41	0	410	0	0	410
SUBTOTAL	14	44.9	5.3	22.7	22.0	3576		0	0	0	0	0	0	0	353	0	3929	6	0	3935
SERIES 800																				
801 RURAL HOUSING	2	6.3	0.1	5.2	2.2	514		0	0	0	0	0	0	0	0	0	514	7	0	521
SUBTOTAL	2	6.3	0.1	5.2	2.2	514		0	0	0	0	0	0	0	0	0	514	7	0	521
SERIES 900																				
901 ALLEV POLLUTION	7	14.3	0.3	9.8	10.3	1487		0	0	0	0	0	0	0	103	0	1590	123	0	1713
902 OUTDOOR RECREATION	13	22.9	4.8	2.6	8.7	2279		0	0	0	0	0	0	0	829	0	3108	127	0	3235
903 MULTI-USE-FOREST PO	13	27.4	7.1	4.2	8.1	2024		0	0	0	0	0	0	0	1048	0	3072	116	0	3188
904 WLDLPE AND FISH ECO	27	63.7	2.4	32.4	16.3	5556		0	0	0	0	0	0	0	852	0	6408	229	0	6637
905 TREES BEAUTIFICATIO	2	3.5	0.0	3.5	1.0	296		0	0	0	0	0	0	0	0	0	296	1	0	297
SUBTOTAL	62	131.9	14.5	52.4	44.5	11642		0	0	0	0	0	0	0	2832	0	14474	596	0	15070
SCIENCE IN SERV OF MAN																				
GRAND TOTAL	314	944.0	178.6	582.6	317.8	94679		0	0	0	0	0	0	0	9631	0	104309	3362	0	107671

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E-9 SUMMARY BY AGENCY

OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

	NO OF PROJ	SYS	STAFF I.H.SUPPORT PROF	YEARS TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CM GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
AGRICULTURAL RESEARCH	2758	2952.6	*	*	*	313618	16390	8024	0	0	0	0	338032	0	0	338032
COOPERATIVE RESEARCH	220	0.0	0.0	0.0	0.0	0	16565	0	0	0	0	0	16565	0	0	16565
COMPETITIVE RESEARCH GRAN	185	0.0	0.0	0.0	0.0	0	0	14467	0	0	0	0	14467	0	0	14467
ECONOMICS STATISTICS COOP	274	478.5	19.4	37.0	172.2	34758	317	15	0	0	0	37	35127	2012	2	37141
U S FOREST SERVICE	239	944.0	178.6	582.6	317.8	94679	0	0	0	0	9631	0	104309	3362	0	107671
TOTAL	3676	4375.1	*	*	6425.7	443054	33272	22507	0	0	9631	37	508500	5373	2	513875

## NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF		STAFF					MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	
	PROJ	SYS	PROF	TECH	OTHER	HATH	RRF											STEN
0100 SOIL AND LAND	1177	377.8	407.2	352.9	266.9	3795	1277	371	897	580	6921	1233	4723	19039	1335	2881	2547	38679
0200 WATER	724	191.5	223.7	170.7	140.0	1609	579	116	370	448	3121	660	3808	9321	539	941	1139	19527
0300 WATERSHEDS RIVER BAS	136	36.2	31.9	35.0	28.2	233	141	218	45	149	786	630	1050	1575	32	87	244	4404
0400 AIR AND CLIMATE	136	37.5	42.7	21.5	32.5	254	244	58	3	62	622	170	1197	2081	210	144	68	4490
0500 RECREATION RESOURCES	175	51.6	50.9	23.7	28.1	278	283	430	93	0	1085	253	408	1780	24	85	350	3985
0600 TIMBER FOREST PRODUCT	1294	480.6	476.4	358.3	293.0	1054	6757443	79	49	9300	3437	4696	20974	1202	2898	2185	44692	
0700 RANGE	294	77.4	67.0	58.8	80.8	689	55	86	237	49	1116	331	1098	4229	491	345	124	7734
0800 WILDLIFE AND FISH	645	185.7	250.1	182.1	135.9	1167	269	520	476	367	2798	656	3758	8704	600	1892	2150	20557
0900 CITRUS SUB TROP FRUIT	294	138.4	79.1	122.5	206.5	1069	140	0	41	0	1250	227	279	10237	155	420	128	12696
1000 FRUIT NUTS DECIDUOUS	1010	334.7	250.5	378.5	332.0	4004	1130	0	291	222	5647	313	568	24060	1177	1699	583	34049
1100 POTATOES	306	83.5	70.9	85.8	57.4	1076	454	0	92	0	1622	133	333	5163	301	677	536	8765
1200 VEGETABLES	1340	446.2	306.0	429.6	486.6	5245	1182	0	1720	1685	9833	493	1221	27393	1033	1827	651	42452
1300 ORNAMENTALS TURF	606	213.3	133.6	228.1	186.6	2409	359	2	144	13	2927	212	506	13970	332	1063	390	19399
1400 CORN	853	189.6	195.9	196.8	202.2	3167	689	0	322	0	4178	616	1578	11329	952	1552	466	20673
1500 GRAIN SORGHUM	301	51.9	51.5	68.5	55.2	648	99	0	74	14	835	82	119	3245	417	224	53	4974
1600 RICE	116	38.1	23.5	27.6	24.9	318	24	0	14	0	357	55	47	3012	165	312	19	3966
1700 WHEAT	637	146.0	134.4	153.3	114.7	1874	341	0	393	0	2607	439	359	8188	939	964	632	14129
1800 OTHER SMALL GRAINS	425	84.1	73.8	94.1	83.6	1275	124	0	552	393	2344	142	177	4815	448	750	404	9081
1900 PASTURE	169	32.9	14.3	39.5	54.3	417	35	0	46	239	737	39	145	2657	281	82	98	4038
2000 FORAGE CROPS	895	255.7	182.9	268.5	263.3	3724	1209	0	651	338	5923	654	1187	15843	1332	765	238	25941
2100 COTTON	357	131.4	82.7	111.3	129.5	1422	629	0	222	0	2272	512	359	7530	536	1299	439	12946
2200 COTTONSEED	20	3.0	2.2	4.0	1.6	30	17	0	0	0	47	3	42	177	3	38	46	355
2300 SOYBEANS	868	228.7	225.7	213.6	237.3	3114	921	0	2001	1638	7674	600	534	13028	949	1726	856	25367
2400 PEANUTS	157	45.3	30.1	69.0	57.4	427	52	0	305	85	868	109	81	2955	164	292	303	4773
2500 OTHER OILSEED CROPS	100	22.4	21.6	13.7	21.7	224	34	0	13	13	283	54	152	1781	105	148	45	2569
2600 TOBACCO	165	63.5	39.0	77.4	93.0	869	29	0	110	0	1009	108	46	5070	317	183	328	7060
2700 SUGAR CROPS	170	51.5	22.0	44.6	91.6	754	49	0	9	0	812	35	204	3279	268	384	55	5038
2800 MISC NEW CROPS	123	27.2	15.8	25.8	42.7	355	178	0	16	0	550	64	187	1769	100	228	282	3180
2900 POULTRY	770	253.2	205.1	380.8	317.7	4195	1611	0	626	1088	7520	269	1220	17363	1528	996	652	29549
3000 BEEF CATTLE	1342	407.5	370.6	647.9	611.5	6474	3116	0	1448	2466	13503	1202	1989	3403013552	1478	839	66594	
3100 DAIRY CATTLE	1124	314.1	277.3	395.5	434.6	5643	1886	0	562	1222	9313	699	1636	25248	5408	1973	1152	45428
3200 SWINE	615	165.1	168.7	227.0	262.4	3079	672	0	774	2160	6684	367	1152	12604	4120	1244	347	26519
3300 SHEEP AND WOOL	350	78.7	56.5	86.6	78.9	1137	422	0	125	472	2155	78	297	5390	1005	270	359	9553
3400 OTHER ANIMALS	425	95.3	117.2	108.4	86.5	1232	115	0	310	1423	3080	117	1982	5281	548	500	221	11729
3500 BEES AND HONEY	45	17.1	16.1	7.7	6.2	180	54	0	0	0	234	60	99	852	28	173	18	1464
3600 FARM SUPP & FACILITS	100	26.3	20.0	20.3	22.8	330	19	6	237	0	592	127	341	1252	308	154	101	2875
3700 CLOTHING & TEXTILES	71	17.4	15.8	5.1	7.4	244	106	0	100	8	459	0	13	790	5	17	6	1290
3800 FOOD	538	165.1	168.8	151.9	148.6	2129	960	0	1063	479	4631	287	2887	7533	350	1071	507	17266
3900 HOUSING & EQUIP	215	61.0	58.1	42.2	43.7	566	134	26	360	26	1112	571	547	3105	167	267	242	6011
4000 PEOPLE AS INDIVIDUAL	731	208.9	214.2	137.8	131.3	1967	733	10	2395	1028	6133	214	2667	7326	314	468	713	17836
4100 FAMILY MEMBERS	246	67.7	67.3	35.1	39.6	553	369	0	1015	853	2789	27	283	2368	148	340	505	6460
4200 FARM AS BUSINESS	212	68.6	49.2	19.3	66.8	1008	154	0	168	229	1559	197	47	2723	92	83	35	4736
4300 SOC POLIT ORGANIZ	438	128.4	125.9	41.3	82.0	1723	448	9	593	1317	4089	257	846	4249	161	331	346	10278
4400 AGRIC ECONOMY U S	111	29.4	44.8	13.2	27.4	473	107	0	126	6	711	190	346	1468	30	123	54	2923
4500 AGRIC ECONOMY FORGN	33	13.9	23.2	9.6	19.2	103	7	0	0	0	110	221	4	412	17	29	38	830
4600 FARM COOPERATIVES	41	6.7	9.3	1.6	7.8	92	22	0	89	33	234	81	8	275	7	11	7	624
4700 OTH MARKET PROCESS	43	6.5	5.6	2.6	7.5	105	40	0	0	0	146	57	2	263	6	29	8	510
4800 MARKETING SYSTEMS	101	27.9	23.1	17.6	25.5	425	208	6	137	0	775	259	42	1107	33	38	51	2306
6100 WEEDS	59	11.0	11.5	15.2	12.4	196	14	0	64	0	274	52	40	607	38	90	62	1163
6200 SEED RESEARCH	36	10.1	6.0	17.9	9.8	95	13	0	0	0	107	0	62	464	316	41	5	996
6300 BIO CELL SYSTEMS	225	85.9	122.5	62.3	42.7	762	47	0	53	0	862	60	3829	3852	73	184	280	9140
6400 EXP DESIGN/STAT METH	78	26.0	24.3	13.3	21.4	119	3	1	93	12	229	607	120	1639	118	32	42	2788
6500 INVERTEBRATES	272	104.9	118.2	60.6	69.5	843	60	0	78	273	1254	152	1952	5701	127	288	251	9726
6600 MICROORGANISMS,VIRUS	255	86.7	105.0	90.8	50.4	829	78	0	30	19	956	172	3381	4276	124	301	253	9463
6700 PLANTS	705	221.6	228.1	186.3	185.1	2201	668	1	2121	28	5020	652	2435	12487	892	1361	1396	24243
6800 ANIMALS(VERTEBRATES)	385	119.2	124.8	122.5	81.0	871	248	1	347	157	1625	293	3916	6682	605	515	680	14315
6900 RESEARCH ON RSCH MGM	33	13.8	7.1	4.2	3.7	83	30	0	0	0	112	42	112	646	3	30	139	1083
7000 RSCH EQUIP & TECHNOL	118	27.8	33.8	20.5	15.9	140	54	93	0	0	287	130	755	1506	62	98	58	2896
9900 UNCLASSIFIED	68	124.0	150.5	73.1	171.2	1344	741	102	0	77	2264	1400	2740	8813	2143	671	2459	20489
TOTAL	23278	7015.8	6474.0	6873.2	6837.8	24355	22129	156344	64608	46732	27184	766601						

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

93

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRP	MCIN STEN	SP GT	YEARS										
SERIES 800																				
801 RURAL HOUSING	53	17.9	15.2	6.7	8.9	120	101	0	175	24		420	0	142	637	22	15	12	1249	
802 INDIV & FAM DEC MAK	190	49.5	45.9	21.0	26.8	459	274	5	439	480		1657	7	186	1932	150	308	456	4695	
803 RURAL POVERTY	53	12.3	18.9	7.3	13.0	90	27	0	264	927		1308	1	0	199	8	0	4	1520	
804 ECON POTENT RURL PE	108	29.3	31.3	11.9	16.9	324	123	0	281	340		1068	26	118	846	25	9	137	2228	
805 COMMUNICAT RURAL PE	135	34.2	29.3	12.0	23.3	229	19	5	240	319		812	18	65	1739	101	74	212	3021	
806 ADJUSTMENT TO CHANG	170	50.4	41.6	18.4	31.3	562	311	0	485	128		1486	52	73	1632	17	79	42	3381	
807 AGRIC ECONOMIC CHAN	133	36.4	40.7	11.5	34.4	462	130	0	192	33		817	106	83	1724	32	67	52	2881	
808 GOV'T PROGRAMS	36	6.2	5.5	2.1	4.3	79	29	0	0	0		108	35	35	310	1	20	0	509	
SUBTOTAL	878	236.0	228.4	90.8	159.0	2325	1014	10	2076	2251		7675	245	702	9020	356	572	914	19483	
SERIES 900																				
901 ALLEV POLLUTION	640	215.1	256.5	208.1	132.0	2022	1026	148	1267	1038		5502	349	4525	10314	478	1668	1077	23913	
902 OUTDOOR RECREATION	160	48.1	48.4	21.9	27.0	269	278	392	93	0		1032	230	406	1626	23	83	305	3705	
903 MULTI-USE-FOREST PO	86	18.9	19.1	12.7	8.8	16	6	375	0	0		397	113	45	742	22	56	240	1615	
904 WDLFE AND FISH ECO	555	161.5	223.2	160.7	122.3	961	237	405	425	354		2383	603	3113	7660	551	1701	1998	18009	
905 TREES BEAUTIFICATIO	105	31.7	23.6	22.4	15.8	182	101	100	84	0		468	165	513	1501	31	129	80	2888	
906 ORNAMENT & TURF DEV	584	206.0	128.7	224.2	181.3	2362	357	2	60	13		2793	211	273	13650	330	1019	364	18640	
907 RURAL INCOME IMP	168	39.0	36.4	13.8	27.5	651	90	0	343	219		1303	134	31	1132	52	73	58	2783	
908 RURAL INSTIUT IMP	263	74.6	71.5	23.7	48.9	991	327	9	216	532		2075	126	815	2653	110	222	219	6219	
990 UNCLASSIFIED	68	124.0	150.5	73.1	171.2	1344	741	102	0	77		2264	1400	2740	8813	2143	671	2459	20489	
SUBTOTAL	2629	919.0	957.8	760.6	734.7	8799	3163	1534	2488	2234		18217	3330	12462	48090	3741	5621	6799	98261	
SCIENCE IN SERV OF MAN																				
GRAND TOTAL	21793	7015.8	6474.0	6873.2	6837.8	24355	80643	9500	22129	19717		156344	21100	64609	413519	46732	37115	27184	766603	

## SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPAO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
				PROF	TECH	OTHER	HATH	RRF											
0100	SOIL AND LAND	169	52.0	65.8	49.2	24.2	725	418	87	35	26	1291	158	472	2056	142	213	404	4737
0200	WATER	83	24.5	53.4	17.4	8.9	345	31	8	0	0	383	16	349	1029	64	129	345	2315
0300	WATERSHEDS RIVER BAS	22	4.0	5.1	3.4	1.8	82	0	58	0	0	140	1	5	175	7	13	28	368
0400	AIR AND CLIMATE	28	6.5	7.0	1.3	5.2	19	34	22	3	62	140	80	40	309	78	12	16	675
0500	RECREATION RESOURCES	40	14.1	11.4	3.9	5.1	93	140	140	0	0	373	31	82	382	9	10	61	949
0600	TIMBER FORST PRODUCT	202	70.0	74.7	46.8	28.4	338	317	1434	0	2	2090	360	122	2297	84	358	293	5604
0700	RANGE	4	0.3	0.6	0.7	1.3	32	22	0	0	0	54	0	0	44	10	0	1	110
0800	WILDLIFE AND FISH	119	34.2	49.9	42.0	19.9	254	39	125	126	104	647	60	834	1140	125	151	606	3563
0900	CITRUS SUB TROP FRUT	4	0.5	0.8	0.0	0.2	14	5	0	0	0	19	0	11	19	0	0	0	48
1000	FRUIT NUTS DECIDUCUS	242	90.8	70.1	99.1	59.3	1354	468	0	112	0	1933	129	106	4641	368	448	194	7820
1100	POTATOES	82	23.4	21.1	30.5	20.9	476	203	0	72	0	751	125	83	1221	118	113	240	2651
1200	VEGETABLES	230	73.3	60.2	79.5	36.2	1099	465	0	124	0	1688	70	221	3349	171	246	126	5871
1300	ORNAMENTALS TURF	126	39.8	30.6	45.0	30.0	684	152	0	0	0	837	74	62	2139	60	232	40	3445
1400	CORN	91	21.2	19.4	22.8	15.0	506	74	0	10	0	590	33	76	878	85	81	45	1787
1500	GRAIN SORGHUM	1	0.1	0.1	0.0	0.0	3	0	0	0	0	3	0	0	1	0	0	1	5
1600	RICE	2	0.3	0.2	1.1	0.0	9	0	0	6	0	15	0	0	13	3	0	0	31
1700	WHEAT	29	4.6	3.0	6.8	5.5	136	6	0	42	0	184	5	39	243	17	45	4	536
1800	OTHER SMALL GRAINS	20	2.2	3.8	6.7	4.2	74	1	0	0	0	74	32	25	140	24	18	2	315
1900	PASTURE	5	0.8	0.2	0.5	0.5	15	20	0	0	0	36	0	0	28	8	0	8	80
2000	FORAGE CROPS	106	29.4	21.1	46.7	21.9	487	228	0	161	87	963	124	76	1405	96	78	51	2793
2100	COTTON	1	0.2	0.1	0.0	0.0	8	0	0	0	0	8	0	0	6	0	0	0	14
2200	COTTONSEED	2	0.1	0.1	0.0	0.0	1	0	0	0	0	1	0	0	4	0	1	0	6
2300	SOYBEANS	53	13.5	11.1	11.5	6.2	232	16	0	308	160	717	0	29	386	89	46	24	1290
2400	PEANUTS	1	0.0	0.1	0.0	0.0	0	0	0	0	0	0	0	0	3	0	1	0	4
2500	OTHER OILSEED CROPS	2	0.2	1.0	0.1	0.3	3	0	0	0	0	3	0	0	12	0	5	0	21
2600	TOBACCO	23	8.7	1.2	9.7	2.2	133	6	0	0	0	139	0	0	424	13	8	0	585
2700	SUGAR CROPS	1	0.3	0.3	1.7	0.0	3	0	0	0	0	3	0	39	1	12	0	0	54
2800	MISC NEW CROPS	7	1.3	0.9	0.3	0.5	10	14	0	0	0	24	0	0	92	3	0	0	119
2900	POULTRY	159	61.4	47.7	104.0	59.3	941	598	0	33	59	1631	87	707	3192	400	214	145	6375
3000	BEEF CATTLE	86	17.2	15.4	34.4	19.6	553	67	0	11	137	768	21	78	983	227	87	139	2303
3100	DAIRY CATTLE	212	62.0	66.7	97.3	55.3	1141	448	0	79	126	1794	40	394	3331	749	356	430	7095
3200	SWINE	35	6.3	5.4	13.6	7.0	111	1	0	67	46	226	99	49	354	76	32	38	874
3300	SHEEP AND WOOL	35	4.8	7.5	9.1	7.3	179	38	0	0	5	222	22	32	297	99	11	10	693
3400	OTHER ANIMALS	84	19.1	23.8	27.7	11.7	283	17	0	5	28	334	6	491	945	183	21	127	2106
3500	BEES AND HONEY	8	1.9	1.8	0.2	0.9	50	0	0	0	0	50	0	5	66	21	2	0	145
3600	FARM SUPP & FACILITS	14	2.7	3.6	4.4	3.3	47	0	0	8	0	55	7	91	169	5	25	0	352
3700	CLOTHING & TEXTILES	8	1.7	1.0	1.0	0.3	26	14	0	0	0	40	0	0	63	4	0	0	107
3800	FOOD	101	31.9	46.9	29.7	17.1	506	273	0	77	0	856	22	479	1345	101	208	51	3062
3900	HOUSING & EQUIP	40	16.0	23.7	13.6	11.9	180	24	0	0	0	204	239	224	675	61	147	69	1620
4000	PEOPLE AS INDIVIDUAL	138	44.4	39.7	28.8	21.0	431	188	5	70	142	836	44	599	1240	165	45	396	3325
4100	FAMILY MEMBERS	26	10.2	16.7	14.5	11.0	88	30	0	82	240	440	0	238	454	122	295	420	1971
4200	FARM AS BUSINESS	19	7.3	4.7	3.1	4.7	165	0	0	7	4	176	7	0	264	8	49	0	504
4300	SOC POLIT ORGANIZ	88	32.3	18.0	12.8	15.6	438	169	4	107	217	935	89	7	757	90	96	198	2172
4400	AGRIC ECONOMY U S	11	2.9	4.7	0.7	1.6	64	4	0	0	0	68	10	0	97	8	14	3	200
4500	AGRIC ECONOMY FORGN	7	6.1	3.0	0.6	5.0	21	0	0	0	0	21	0	0	105	16	0	38	180
4600	FARM COOPERATIVES	2	0.3	0.2	0.0	0.1	11	0	0	0	0	11	0	0	15	0	0	0	26
4700	OTH MARKET PROCESS	6	1.4	0.0	1.1	1.7	22	0	0	0	0	22	40	2	39	2	18	0	123
4800	MARKETING SYSTEMS	10	6.1	1.6	5.7	3.3	139	1	0	0	0	140	3	0	233	5	6	4	391
6100	WEEDS	3	0.4	0.4	0.6	1.0	23	0	0	0	0	23	0	0	28	0	1	0	52
6200	SEED RESEARCH	11	3.5	2.0	4.9	2.4	9	13	0	0	0	22	0	0	210	1	12	1	246
6300	BIO CELL SYSTEMS	41	16.0	16.2	14.6	2.3	274	0	0	0	0	274	0	641	423	34	1	42	1415
6400	EXP DESIGN/STAT METH	14	2.9	1.2	0.8	1.9	26	0	0	0	0	26	0	22	142	39	1	3	234
6500	INVERTEBRATES	42	14.7	9.8	10.2	6.2	255	23	0	17	0	296	31	263	598	17	6	33	1244
6600	MICROORGANISMS,VIRUS	50	13.5	16.8	19.8	7.2	250	0	0	0	0	250	30	456	602	88	33	19	1478
6700	PLANTS	104	35.0	16.6	31.8	14.1	402	272	0	629	4	1306	120	286	1109	86	124	20	3051
6800	ANIMALS (VERTEBRATES)	52	13.2	19.6	14.0	3.9	111	5	0	149	0	266	64	598	488	93	12	37	1557
6900	RESEARCH ON RSCH MGM	2	0.2	1.7	0.0	0.0	4	0	0	0	0	4	0	0	12	1	21	15	52
7000	RSCH EQUIP & TECHNOL	24	6.8	4.3	4.6	2.8	43	11	37	0	0	91	3	67	195	35	10	2	403
9900	UNCLASSIFIED	13	8.0	1.1	7.0	5.0	157	36	4	0	0	196	117	996	947	710	439	415	3822
TOTAL		3140	966.6	934.8	1037.3	602.2	14085	4892	1923	2339	1450	24689	2397	9397	41815	5034	4497	5145	92974

## SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS										MCIN SP OTH TOT USDA OTHER STATE PROD INDUS OTH										TOTAL	
		SYS	PROF	TECH	OTHER	HATH	RRF	STEN	GT	CR	CR	CGCA	FED	APPRO	SALES	-TRY	-ER						
SERIES 100																							
101 APPRAIS OF SOIL RES	29	10.2	8.7	8.8	2.5	118	6	8	0	0	0	132	5	105	360	52	7	87				749	
102 SOIL PLNT WTR NUTRI	59	17.8	25.1	20.1	11.7	296	169	62	20	19	565	156	187	755	28	76	3	1770					
104 ALTERN USE OF LAND	34	9.8	12.2	4.2	4.9	145	132	7	0	4	288	6	66	309	13	22	204	907					
105 CONSERV USE OF WATE	14	3.1	2.3	2.6	1.0	51	2	4	0	0	57	0	48	140	11	3	2	261					
106 DRAIN AND IRRIGATIO	5	2.0	1.1	0.0	0.4	6	0	4	0	0	10	0	0	76	3	8	7	103					
107 WATERSHED PROT & MG	16	4.1	6.1	6.5	2.5	37	0	66	0	4	107	2	8	201	3	13	53	387					
108 ECON LEG PROB OF WA	6	0.5	21.9	0.7	1.6	4	0	0	0	0	4	1	0	139	3	0	0	147					
109 WEATHER ADAPT & MOD	17	3.6	4.9	1.1	4.8	14	33	21	0	0	69	80	20	199	92	0	7	466					
110 APPRAIS FORST & RAN	15	3.7	4.0	1.4	1.7	19	0	90	0	0	109	17	7	154	5	4	35	332					
111 BIOL CULT MGMT PCRS	63	17.5	16.0	8.5	6.1	31	0	418	0	0	449	44	26	556	32	99	32	1238					
112 IMPROV RANGE RESCR	2	0.3	0.4	0.7	1.3	32	22	0	0	0	54	0	0	40	10	0	1	106					
113 REMOTE SENSING	10	2.7	1.3	0.8	1.1	10	10	48	0	0	68	3	9	76	19	5	5	186					
114 RSCH ON MGMT OF RSC	1	0.2	0.4	0.0	0.0	4	0	0	0	0	4	0	0	3	0	0	0	7					
SUBTOTAL	271	75.3	104.4	55.2	39.7	766	375	727	20	26	1914	314	475	3009	270	238	437	6658					
SERIES 200																							
201 CNTRL FORST INSECTS	29	10.9	15.8	8.7	2.8	17	80	267	0	0	364	168	53	315	0	74	122	1095					
202 CONTROL FOREST DIS	18	9.8	7.2	4.0	3.4	68	68	142	0	0	277	21	0	361	10	6	2	678					
204 CNTR PESTS FRT & VE	88	34.0	27.5	35.5	14.8	485	69	0	125	0	679	59	211	1508	101	214	146	2918					
205 CNTR DISE FRT & VEG	116	40.7	26.4	46.7	32.2	601	209	0	45	0	855	152	36	1907	135	250	148	3482					
206 CNTR WEEDS FRT & VE	35	8.7	7.3	10.2	5.7	204	39	0	12	0	255	1	3	378	85	49	28	799					
207 CNTR PESTS FLD CROP	40	10.7	5.9	12.7	7.2	238	16	0	252	38	544	70	48	336	30	24	22	1073					
208 CNTR DIS FIELD CROP	49	14.7	7.1	19.5	6.2	258	77	0	52	0	387	13	65	611	34	48	23	1182					
209 CNTR WEEDS FLD CROP	22	4.7	8.1	5.0	4.0	96	47	0	0	0	142	7	1	211	23	54	8	446					
210 CNTR PESTS ANIMALS	15	3.1	3.6	2.4	1.1	54	9	0	0	10	73	20	5	142	2	14	1	257					
211 CNTR DIS ANIMALS	97	37.6	41.3	72.1	31.2	363	511	0	23	312	1209	76	378	1983	349	206	188	4388					
212 CNTR INTER PARASITE	13	3.5	2.2	7.5	1.7	66	0	0	0	18	85	0	18	174	59	1	10	348					
213 PROT ANMLS FROM TOX	10	3.0	0.4	3.9	1.7	25	0	0	4	4	34	0	22	126	27	5	6	219					
214 PROTECT FROM POLLUT	47	11.1	12.0	11.1	4.9	167	80	45	234	0	526	110	97	497	18	54	46	1348					
SUBTOTAL	579	192.5	164.7	239.3	117.0	2642	1205	454	747	382	5431	696	937	8549	872	1000	750	18234					
SERIES 300																							
301 GENET BREED FORST T	11	4.7	4.9	8.4	2.2	16	62	102	0	0	180	35	0	188	7	29	2	441					
302 IMP FOREST ENG SYS	6	2.6	0.6	0.8	0.4	42	0	33	0	0	76	0	0	60	0	16	0	152					
303 ECON TIMBER PRODUCT	8	2.0	2.4	0.0	0.6	0	0	34	0	0	34	1	0	61	1	22	2	120					
304 IMP BIO EFF FRT & V	158	48.1	41.4	68.3	34.9	895	174	0	7	0	1076	49	53	2926	145	129	122	4499					
305 MECH PROD FRT & VEG	20	7.9	4.3	6.4	6.0	192	76	0	0	0	268	1	14	373	14	22	11	703					
306 PROD MGMT SYS F & V	10	3.8	2.5	5.4	1.7	57	15	3	0	0	72	23	0	99	43	0	2	239					
307 IMP BIO EFF FLD CRP	108	37.2	22.0	50.2	20.1	778	145	0	140	59	1121	81	40	1631	171	100	22	3166					
308 MECH PROD FIELD CRO	6	1.2	0.2	0.8	0.2	5	14	0	0	0	19	0	0	36	5	1	8	69					
309 PROD MGMT SYS FLC C	21	5.5	7.9	9.2	8.5	108	53	0	14	0	175	0	29	369	38	8	20	638					
310 ANIMAL REPRODUCTION	57	19.5	23.5	36.5	15.6	427	161	0	0	0	588	0	368	931	214	96	63	2259					
311 IMP BIO EFF ANML PR	163	50.0	51.8	93.9	63.6	1135	147	0	5	47	1333	130	631	3317	668	191	142	6413					
312 ENV STRESS IN ANML	27	7.4	6.4	12.5	8.3	169	63	0	0	0	232	0	53	408	125	10	7	835					
313 PROD MGMT SYS ANML	26	9.6	8.7	10.9	9.1	119	57	0	55	0	231	25	3	538	203	6	383	1389					
314 BEES OTH POLLNTNG I	8	1.9	1.8	0.2	0.9	50	0	0	0	0	50	0	5	66	21	2	0	145					
315 IMP STRUC FARM SUPP	28	8.2	10.9	13.6	10.5	158	0	0	0	0	158	245	148	429	57	36	23	1097					
316 FARM BUSINESS MGMT	15	6.2	4.1	3.1	4.5	155	0	0	0	3	158	7	0	240	8	49	0	462					
317 MECH/STRUCTS ANML P	7	2.1	2.0	1.8	0.3	56	17	0	0	0	73	0	0	85	8	34	7	207					
318 NON-COM BIO TECH/BI	207	71.6	64.0	70.1	25.3	933	6	0	123	0	1062	123	2061	2650	247	88	109	6340					
SUBTOTAL	886	289.4	259.4	392.0	212.8	5296	991	169	342	108	6906	719	3403	14410	1974	839	925	29176					
SERIES 400																							
401 NEW IMP FOREST PROD	26	7.1	4.3	6.0	6.1	68	0	182	0	0	250	25	34	167	7	66	9	559					
402 PROD F & V IMP ACCE	39	9.3	7.1	10.8	6.2	102	51	0	0	0	153	4	15	514	67	32	27	810					
403 NEW & IMP F&V PRCD	39	11.3	12.9	4.9	2.8	97	43	0	0	0	139	0	30	569	16	73	9	837					
404 MKT QUAL FRTS & VEG	52	17.0	14.2	18.9	9.3	245	323	0	24	0	591	19	19	863	49	63	22	1626					
405 PROD FLD CROP IMP A	20	4.4	2.9	4.6	3.0	47	26	0	48	78	199	0	6	199	8	15	18	446					
406 NEW IMP POOD FLD CR	12	3.5	5.3	1.8	2.5	71	15	0	21	0	107	0	29	182	13	40	2	373					
407 NEW IMP NON-FOOD FC	2	0.4	1.0	1.6	0.0	0	4	0	0	0	4	0	16	48	13	0	0	80					
408 MKT QUAL FIELD CROP	5	1.1	0.5	2.6	0.7	30	0	0	0	0	30	1	0	57	1	0	3	92					
409 PROD ANML PR IMP AC	13	5.0	2.6	13.9	7.3	233	0	0	0	0	233	0	57	232	50	23	33	628					
410 IMP MEAT MLK EGG P	48	14.2	19.9	19.7	7.9	233	13	0	0	0	246	0	158	898	72	126	38	1539					
411 IMP NON-FOOD ANML P	1	0.0	0.5	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1					
412 MKT QUAL ANIMAL PRO	16	4.9	5.1	5.3	6.4	114	0	0	0	0	114	1	3	222	8	97	13	458					
SUBTOTAL	273	78.2	76.1	90.0	52.3	1239	474	182	94	78	2067	50	367	3952	304	535	175	7449					
SERIES 500																							
501 IMP GRADES & STANDS	6	1.4	0.9	2.4	1.2	13	12	0	0	0	25	0	0	90	3	12	0	131					
502 MKTG TIMBER PRODUCT	4	1.1	1.8	0.2	0.2	11	0	6	0	1	19	9	0	15	0	20	0	63					
503 MKTG EFF AGRI PRCD	29	10.0	3.9	3.5	3.0	155	90	0	45	0	290	22	4	161	12	3	21	513					
506 SPLY DEMAND AND PRI	20	6.7	7.1	1.3	3.3	118	109	0	0	0	227	22	2	105	0								

## SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN SP		OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROP	TECH	OTHER			STEN	GT									
SERIES 800																		
801 RURAL HOUSING	7	3.8	5.3	0.1	1.1	16	9	0	0	0	26	0	128	56	4	1	0	215
802 INDIV & FAM DEC MAK	21	7.8	10.9	10.5	9.5	70	30	0	45	137	282	0	181	395	124	261	415	1658
803 RURAL POVERTY	3	0.8	1.0	0.2	0.1	0	0	0	14	103	117	0	0	2	3	0	0	122
804 ECON POTENT RURL PE	16	6.3	6.6	0.7	1.1	48	0	0	45	142	235	10	31	87	6	8	137	513
805 COMMUNICAT RURAL PE	37	8.6	5.8	2.9	7.3	77	0	5	39	51	172	7	53	269	54	8	62	625
806 ADJUSTMENT TO CHANG	20	7.1	3.6	4.5	5.2	78	45	0	33	51	208	0	20	193	1	30	15	467
807 AGRIC ECONOMIC CHAN	9	1.9	1.4	0.0	0.6	20	0	0	7	1	28	0	0	47	3	0	0	78
808 GOV'T PROGRAMS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	6	0	0	0	6
SUBTOTAL	114	36.2	34.4	18.8	24.8	310	84	5	183	486	1068	17	412	1054	196	308	629	3684
SERIES 900																		
901 ALLEV POLLUTION	134	50.0	70.3	40.5	18.0	634	180	17	88	91	1010	37	662	1999	154	351	476	4689
902 OUTDOOR RECREATION	36	11.8	10.4	4.0	4.7	71	140	105	0	0	316	26	82	314	7	10	58	814
903 MULTI-USE-FOREST PO	15	5.4	7.2	4.7	1.9	6	0	106	0	0	112	26	3	163	3	0	122	429
904 WDLFE AND FISH ECO	100	27.6	40.4	36.1	15.6	231	19	108	126	104	588	54	594	877	84	118	538	2853
905 TREES BEAUTIFICATIO	12	4.0	7.9	2.0	2.0	30	97	24	0	0	151	9	1	155	8	9	4	338
906 ORNAMENT & TURF DEV	124	39.3	29.9	44.6	29.9	677	152	0	0	0	830	74	62	2101	60	232	40	3400
907 RURAL INCOME IMP	26	9.9	7.0	2.8	3.2	205	43	0	38	54	339	35	2	155	6	1	8	546
908 RURAL INSTITUT IMP	57	18.2	9.7	7.8	10.7	233	116	4	38	60	451	51	5	529	77	91	135	1338
909 UNCLASSIFIED	13	8.0	1.1	7.0	5.0	157	36	4	0	0	196	117	996	947	710	439	415	3822
SUBTOTAL	517	174.2	183.8	149.4	91.1	2243	783	368	289	309	3992	430	2409	7239	1110	1252	1796	18227
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		966.6		1037.3		14085		1923		1450		2397		41815		4497		92974

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS		OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH														
0100 SCIL AND LAND	335	105.4	70.6	142.0	101.3	977	130	121	689	529	2446	121	480	5586	236	331	1131	10329
0200 WATF	205	56.5	48.1	67.6	57.3	447	148	40	347	430	1413	110	456	2619	157	255	405	5415
0300 WATERSHEDS RIVER EAS	45	10.9	10.6	18.9	12.5	61	136	33	45	149	423	20	193	553	10	40	48	1286
0400 AIR AND CLIMATE	20	2.5	1.0	3.3	4.2	29	1	3	0	0	34	3	2	183	10	25	1	257
0500 RECREATION RESOURCES	33	11.3	12.8	10.4	10.8	31	13	104	93	0	241	51	75	314	13	7	153	855
0600 TIMBER FORST PRODUCT	394	156.2	130.3	185.0	126.4	240	2032	841	50	47	3380	1078	1491	7226	427	967	818	15388
0700 RANGE	58	14.7	14.5	21.0	25.5	166	0	18	88	49	323	59	35	1074	139	169	2	1801
0800 WILDLIFE AND FISH	228	77.4	76.7	84.1	69.9	523	220	272	350	244	1609	249	787	3629	366	784	1021	8445
0900 CITRUS SUB TROP FRUT	143	81.1	13.1	106.4	151.8	637	54	0	41	0	732	124	125	5033	138	279	66	6497
1000 FRUIT NUTS DECIDUOUS	337	106.1	47.6	143.2	136.0	1292	153	0	139	222	1807	37	118	7535	438	211	159	10304
1100 POTATOES	37	6.3	4.1	7.6	7.2	96	0	0	0	0	96	0	3	518	25	11	2	654
1200 VEGETABLES	510	207.8	88.8	220.1	309.9	2214	269	0	1248	1609	5339	125	214	12183	581	613	207	19263
1300 ORNAMENTALS TURF	215	89.6	40.5	112.3	91.9	992	180	0	139	13	1324	56	242	5585	174	345	184	7911
1400 CORN	259	54.4	37.2	59.5	62.0	808	233	0	141	0	1182	102	253	3411	142	166	123	5379
1500 GRAIN SORGHUM	144	25.2	17.2	31.0	32.6	378	43	0	74	14	509	18	2	1717	113	118	45	2522
1600 RICE	87	28.3	9.6	17.4	15.6	283	23	0	8	0	314	9	10	2108	160	252	12	2867
1700 WHEAT	132	23.0	19.1	23.5	22.2	450	35	0	105	0	590	17	44	1408	140	134	74	2407
1800 OTHER SMALL GRAINS	107	21.1	10.4	26.7	23.9	349	14	0	514	393	1270	8	0	1061	64	40	24	2465
1900 PASTURE	104	24.5	6.5	27.3	39.2	292	0	0	34	239	565	17	70	1856	177	52	81	2819
2000 FORAGE CROPS	317	110.5	48.0	131.7	153.7	1789	231	0	232	250	2502	102	175	7456	607	134	64	11040
2100 COTTON	270	97.1	52.1	91.8	111.1	1123	556	0	199	0	1878	442	277	5310	439	1028	300	9675
2200 COTTONSEED	13	1.8	1.8	2.6	1.4	28	0	0	0	0	28	0	36	109	2	37	0	213
2300 SOYBEANS	444	133.9	100.8	126.2	161.1	1616	643	0	1203	1478	4940	170	116	7933	433	704	537	14833
2400 PEANUTS	148	43.9	29.4	68.1	56.9	423	52	0	305	85	865	109	70	2900	164	284	302	4694
2500 OTHER OILSEED CROPS	16	2.3	2.4	1.8	0.7	60	0	0	5	0	65	1	34	223	37	14	0	374
2600 TOBACCO	135	53.2	35.8	66.6	90.1	719	23	0	110	0	853	106	23	4549	304	172	328	6335
2700 SUGAR CROPS	69	34.6	5.7	30.4	79.7	604	23	0	1	0	628	1	142	2150	206	196	13	3336
2800 MISC NEW CROPS	39	8.0	4.0	7.2	21.4	147	65	0	16	0	227	1	12	367	51	10	6	676
2900 POULTRY	317	100.9	74.4	163.0	159.3	1643	380	0	581	880	3483	89	164	7938	447	375	216	12712
3000 BEEP CATTLE	544	171.7	116.1	241.0	298.8	2842	1074	0	939	1531	6385	438	918	16358	3298	601	325	28322
3100 DAIRY CATTLE	380	116.2	63.4	157.2	211.1	2057	452	0	380	402	3292	189	97	10463	2315	378	283	17017
3200 SWINE	224	65.4	43.8	85.2	120.9	1115	207	0	428	1410	3160	24	726	5278	726	149	203	10266
3300 SHEEP AND WOOL	89	17.9	12.2	28.0	19.6	315	32	0	38	108	494	38	9	1248	95	85	8	1977
3400 OTHER ANIMALS	152	34.4	30.1	49.2	37.2	398	10	0	258	927	1594	81	297	2062	125	196	29	4384
3500 BEES AND HONEY	3	1.1	1.0	2.6	0.2	9	0	0	0	0	9	8	0	72	0	0	7	95
3600 FARM SUPP & FACILITS	22	6.4	1.0	4.3	3.8	42	0	6	208	0	256	16	44	258	20	14	0	608
3700 CLOTHING & TEXTILES	20	5.1	5.4	2.9	3.5	58	71	0	100	8	238	0	0	187	1	0	0	425
3800 FOOD	157	53.9	32.9	58.5	66.8	683	388	0	872	479	2421	92	208	1990	66	172	48	4996
3900 HOUSING & EQUIP	71	22.2	10.5	16.6	12.0	142	84	0	312	24	563	69	10	1165	71	34	14	1925
4000 PEOPLE AS INDIVIDUAL	249	71.9	48.5	62.8	57.4	712	263	0	1945	803	3723	64	409	2038	78	106	41	6458
4100 FAMILY MEMBERS	87	24.9	17.3	14.9	15.1	147	86	0	760	597	1590	8	1	437	3	10	48	2096
4200 FARM AS BUSINESS	87	28.1	13.2	9.2	28.5	412	84	0	161	225	881	87	14	970	37	24	23	2037
4300 SOC POLIT ORGANIZ	125	35.0	31.3	13.3	27.9	503	139	0	356	889	1887	14	91	952	15	41	50	3050
4400 AGRIC ECONOMY U S	26	7.6	6.0	2.8	7.9	110	0	0	57	3	171	10	0	384	7	41	2	615
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	5	0	0	0	5
4600 FARM COOPERATIVES	16	3.9	2.3	0.9	4.0	25	6	0	89	33	153	27	0	95	1	0	0	275
4700 OTH MARKET PROCESS	15	1.6	1.6	1.4	3.2	28	26	0	0	0	54	12	0	79	1	10	0	156
4800 MARKETING SYSTEMS	30	7.1	2.3	5.9	6.9	88	97	4	45	0	233	156	0	255	11	14	7	676
6100 WEEDS	26	3.9	5.9	9.4	5.9	69	2	0	64	0	135	9	26	207	23	47	62	508
6200 SEED RESEARCH	8	2.0	1.3	4.4	2.0	46	0	0	0	0	46	0	0	88	2	16	1	153
6300 BIO CELL SYSTEMS	43	14.2	12.9	21.0	2.9	120	0	0	53	0	173	30	570	573	15	17	63	1440
6400 EXP DESIGN/STAT METH	13	5.9	4.5	5.4	6.6	15	1	0	93	12	122	10	20	387	0	0	6	545
6500 INVERTEBRATES	69	22.3	16.8	23.6	11.2	178	0	0	61	265	503	18	330	1103	30	114	126	2225
6600 MICROORGANISMS,VIRUS	60	24.3	18.8	46.7	14.0	119	41	0	30	19	209	27	507	1340	18	80	147	2328
6700 PLANTS	192	60.1	54.1	65.4	80.5	629	184	1	735	25	1573	175	212	3627	127	417	985	7117
6800 ANIMALS (VERTEBRATES)	86	16.8	14.5	25.5	15.3	167	48	1	75	16	307	8	588	1031	25	59	113	2130
6900 RESEARCH ON RSCH MGM	6	5.1	0.7	0.7	0.4	19	0	0	0	0	19	0	0	254	0	4	84	362
7000 RSCH EQUIP & TECHNOL	21	3.6	1.8	3.0	2.5	4	6	16	0	0	26	3	25	198	3	17	0	271
9900 UNCLASSIFIED	15	47.6	9.9	23.0	33.3	396	70	9	0	0	476	13	45	840	366	66	902	2709
TOTAL	7998		1592.8		3234.4		7198		14814		69755		10798		13676		9898	
		2568.3		2981.4		29870		3468		14405		4852		156477		10465		275923

## SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS PROF TECH OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																
101 APPRAIS OF SOIL RES	57	21.4	24.2	30.8	15.6	253	5	21	17	54	351	13	19	1303	43	43
102 SOIL PLNT WTR NUTRI	188	57.2	30.8	71.5	68.8	504	83	58	78	531	1254	86	193	3320	173	158
103 MGMT OF SALINE SCIL	16	5.6	2.5	6.5	8.9	46	0	0	5	0	51	0	0	348	11	28
104 ALTERN USE OF LAND	38	7.0	5.0	8.9	7.7	156	0	0	16	0	172	20	17	317	22	17
105 CONSERV USE OF WATE	79	16.6	11.4	17.4	21.5	150	61	14	12	47	284	84	169	928	71	85
106 DRAIN AND IRRIGATIO	32	8.1	4.0	10.2	5.6	57	8	0	1	0	66	4	5	478	28	51
107 WATERSHED PROT & MG	46	13.8	18.3	26.5	17.9	65	124	40	6	39	274	150	192	814	18	38
108 ECON LEG PROB OF WA	8	3.5	2.1	1.4	2.3	59	0	0	0	0	59	1	4	142	1	15
109 WEATHER ADAPT & MOD	22	2.4	1.5	4.0	4.2	25	1	3	15	0	44	10	3	182	9	7
110 APPRAIS FORST & RAN	34	6.9	5.9	3.1	4.4	21	0	77	0	39	138	36	47	320	15	7
111 BIOL CULT MGMT PCRS	127	44.0	29.1	44.4	42.9	39	121090	43	0	1184	129	52	2009	247	158	292
112 IMPROV RANGE RESCR	41	9.7	11.1	15.1	22.3	129	0	19	35	0	183	25	21	771	132	120
113 REMOTE SENSING	10	2.0	2.4	2.9	1.4	3	0	55	0	88	146	13	23	95	11	10
114 RSCH ON MGMT OF ESC	6	5.1	0.7	0.7	0.4	19	0	0	0	0	19	0	0	254	0	4
SUBTOTAL	704	203.2	148.9	243.4	223.8	1527	2941376	228	799	4225	572	743	11283	781	741	1941
SERIES 200																
201 CNTRL FORST INSECTS	62	17.8	15.3	35.0	10.8	73	57	140	0	0	269	330	688	707	43	20
202 CONTROL FOREST DIS	48	13.0	7.2	15.9	8.0	15	33	329	0	0	378	61	19	666	22	6
203 FOREST FIRE PROTECT	7	0.8	2.3	0.5	0.5	0	0	3	0	0	3	75	3	45	0	1
204 CNTR PESTS FRT & V	134	42.6	17.8	58.3	57.5	429	56	0	331	34	850	101	53	2716	112	201
205 CNTR DIS FRT & VEG	252	81.2	35.6	99.1	116.8	875	40	0	188	120	1222	49	26	5211	229	183
206 CNTR WEEDS FRT & V	64	18.5	12.5	20.1	26.9	277	1	0	93	3	374	11	55	1117	52	95
207 CNTR PESTS FLD CROP	249	86.7	69.6	109.1	100.1	1466	441	0	152	0	2058	289	207	5026	279	764
208 CNTR DIS FIELD CROP	319	100.3	53.8	106.9	108.3	1407	329	0	495	14	2244	147	50	5878	377	474
209 CNTR WEEDS FLD CROP	129	43.8	43.1	37.3	56.6	641	130	0	92	208	1072	79	30	2879	235	583
210 CNTR PESTS ANIMALS	48	18.0	12.9	16.8	8.6	269	8	0	49	147	473	129	20	877	41	63
211 CNTR DIS ANIMALS	205	70.4	35.3	107.8	54.8	930	54	0	111	1070	2164	352	122	4914	449	236
212 CNTR INTER PARASITE	50	16.8	9.2	14.1	21.1	186	0	0	30	134	351	30	52	1019	29	194
213 PROT ANMLS FROM TOX	40	7.7	3.7	16.3	8.0	80	69	0	1	129	279	28	41	776	10	46
214 PROTECT FROM POLIUT	61	12.4	9.8	20.8	22.9	105	22	0	184	12	323	258	170	407	10	221
SUBTOTAL	1668	530.1	328.2	658.1	600.9	6753	1239	472	1726	1871	12060	1940	1535	32319	1889	3085
SERIES 300																
301 GENET BREED FORST T	45	13.9	23.2	28.4	15.9	8	51	361	0	0	420	6	51	793	37	436
302 IMP FOREST ENG SYS	10	4.4	3.1	6.7	4.5	0	0	69	0	0	69	20	200	181	8	56
303 ECON TIMBER PRODUCT	14	7.0	5.9	4.3	7.6	0	0	117	0	0	117	151	70	295	10	40
304 IMP BIO EFF FRT & V	413	156.0	46.4	181.7	263.9	1384	152	0	815	1289	3640	69	129	10342	471	332
305 MECH PROD FRT & VEG	65	15.3	8.2	23.9	21.2	200	0	0	25	226	50	0	0	1199	44	115
306 PROD MGMT SYS F & V	36	10.3	4.0	12.1	14.9	65	0	0	42	107	2	1	0	686	40	14
307 IMP BIO EFF FLD CRP	718	303.7	144.8	341.6	456.2	3518	735	0	1491	1369	7112	250	834	21558	1646	987
308 MECH PROD FIELD CRO	55	17.5	13.5	15.3	19.6	315	27	0	0	0	342	80	27	1161	96	177
309 PROD MGMT SYS FLD C	113	32.7	20.0	26.9	39.2	427	87	0	43	29	587	15	27	2449	149	192
310 ANIMAL REPRODUCTION	191	79.3	65.0	117.8	162.4	1093	264	0	242	558	2157	12	176	6384	1092	167
311 IMP BIO EFF ANML PR	513	171.4	114.4	300.9	380.6	3326	870	0	1129	2017	7341	151	176	19882	4185	708
312 ENV STRESS IN ANML	68	17.8	5.8	18.3	22.9	296	54	0	67	0	417	24	23	1344	134	54
313 PROD MGMT SYS ANML	122	29.6	18.8	28.2	70.9	521	70	0	149	358	1098	18	11	2771	652	45
314 BEES OTH POLLNTNG I	3	1.1	1.0	2.6	0.2	9	0	0	0	0	9	8	0	72	0	7
315 IMP STRUC FARM SUPP	34	10.9	2.8	9.2	7.6	94	0	6	208	0	308	43	37	552	82	29
316 FARM BUSINESS MGMT	70	23.3	11.4	7.4	24.3	364	78	0	101	200	743	86	14	754	35	20
317 MECH/STRUCTS ANML P	30	7.9	3.1	10.7	9.6	98	3	0	0	0	101	30	32	552	25	44
318 NON-COM BIO TECH/BI	234	96.1	78.2	138.6	61.2	681	55	1	284	179	1200	95	1856	5260	115	408
SUBTOTAL	2734	996.1	569.6	1274.6	1582.4	12398	2448	554	4529	6065	25995	1107	5264	76234	8822	3823
SERIES 400																
401 NEW IMP FOREST PROD	44	34.5	28.1	32.0	21.5	15	0	445	0	0	460	79	273	1658	23	147
402 PROD F & V IMP ACCE	112	22.6	12.8	32.5	34.4	260	22	0	123	16	422	3	13	1515	96	48
403 NEW & IMP F&V PRCD	62	24.9	11.1	25.0	36.6	470	32	0	1	0	503	3	0	1409	94	62
404 MKT QUAL PRTS & VEG	50	12.8	5.3	19.3	12.4	252	28	0	0	3	283	4	4	704	45	10
405 PROD FLD CROP IMF A	103	26.2	19.4	31.1	38.0	464	32	0	121	0	617	17	35	1800	183	60
406 NEW IMP FOOD FLD CR	46	12.4	8.5	15.9	10.8	205	0	0	247	435	887	0	42	594	27	56
407 NEW IMP NON-FOOD FC	17	7.2	3.7	3.7	15.1	161	9	0	0	0	170	15	0	285	38	22
408 MKT QUAL FIELD CROP	20	6.0	1.6	3.8	3.3	101	0	0	0	0	101	5	0	278	2	5
409 PROD ANML PR IMP AC	60	14.1	10.7	19.6	24.8	266	148	0	364	777	1555	13	68	716	51	21
410 IMP MEAT MILK EGG P	87	29.8	30.1	35.4	33.3	648	185	0	0	32	865	48	121	2012	130	69
411 IMP NON-FOOD ANML P	8	1.1	1.6	0.6	0.4	14	0	0	0	0	14	0	5	143	1	2
412 MKT QUAL ANIMAL PRO	44	11.8	7.9	16.8	16.2	241	25	0	97	0	364	1	27	735	13	77
SUBTOTAL	653	203.6	140.8	235.7	247.0	3098	481	445	952	1263	6239	189	590	11849	704	599
SERIES 500																
501 IMP GRADES & STANDS	32	11.1	5.4	8.7	14.9	181	41	0	0	0	222	15	24	563	161	52
502 MKTG TIMBER PRODUCT	13	2.4	0.8	2.3	3.0	23	40	33	3	0	98	17	7	69	1	0
503 MKTG EFF AGRI PRCD	80	22.8	13.7	10.9	24.9	313	227	0	141	0	680	121	19	751	12	60
506 SPILY DEMAND AND FRI	72	20.0	16.6	9.7	37.0	239	397	0	0	49	685	55	95	765	50	8
507 COMP REL IN AGRIC	26	4.0	0.9	0.7	1.9	38	49	0	6	0	93	9	0	131	0	9
508 DOMESTIC MKT DEVELP	18	5.0	0.9	1.5	4.3	46	72	0	0	0	118	1	0	189	7	2
509 PERFORMANCE MKTG SY	64	18.7	9.4	6.7	19.4	223	282	4	32	0	541	141	0	630	12	10
510 GROUP ACT MKT POWER	13	3.5	2.0	0.7	2.2	24	0	0	89	33	145	8	0	75	0	1
511 IMP AGRIC STATISTIC	7	1.5	0.6	0.1	0.9	2	1	0	65	12	80	0	0	15	0	0
512 IMP GRADES FRST PRO	2	0.8	0.6	0.0	0.1	0	0	15	0	0	15	8	0	35	0	0
513 PRICE ANAL FRST PRO	6	1.6	1.4	0.4	0.7	0	0	44	0	0	44	1	0	51	3	8
SUBTOTAL	333	91.5	52.1	41.7	109.4	1089	1109	95	335	94	2722	377	145	3274	247	151
SERIES 600																
601 FGN MKT DEVELP	6	2.1	2.1	1.1	1.7	46	0	0	0	0	46	2	0	107	0	0
603 TECH AID DEV CRTY	8	0.6	0.7	0.9	0.3	0	0	0	0	0	0	11	31	33	0	25
604 PRD DVLPMT/MKTG FRG	5	0.4	0.7	0.6	0.3	11	0	0	0	0	11	0	2	29	0	0
SUBTOTAL	19	3.1	3.4	2.6	2.3	57	0	0	0	0	57	13	33	170	1	25
SERIES 700																

## SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIM STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	26	10.7	6.7	5.3	5.1	60	86	0	175	24	345	0	0	393	7	0	1	746
802 INDIV & FAM DEC MAK	61	17.9	6.4	6.1	8.2	102	112	0	379	336	929	7	2	345	0	5	12	1299
803 RURAL POVERTY	35	9.9	15.2	6.6	11.7	52	22	0	237	824	1135	1	0	115	3	0	4	1257
804 ECON POTENT RURL PE	42	9.8	10.6	9.4	9.0	110	73	0	236	126	546	7	9	192	11	0	0	764
805 COMMUNICAT RURAL PE	27	6.1	7.3	4.4	5.4	54	0	0	138	258	450	1	1	558	21	24	38	1094
806 ADJUSTMENT TO CHANG	60	18.3	12.4	8.9	14.2	205	82	0	441	64	792	8	2	384	3	8	6	1204
807 AGRIC ECONOMIC CHAN	42	11.1	8.2	4.9	11.4	139	6	0	117	28	290	10	0	540	7	39	2	888
808 GOV'T PROGRAMS	8	2.0	0.1	0.6	2.2	30	0	0	0	0	30	2	0	119	1	2	0	154
SUBTOTAL	301	85.8	66.9	46.1	67.1	751	381	0	1724	1661	4518	35	15	2646	53	77	62	7407
SERIES 900																		
901 ALLEV POLLUTION	194	75.7	47.9	95.9	61.2	600	173	88	1003	946	2811	64	658	3200	91	401	262	7488
902 OUTDOOR RECREATION	28	11.2	12.1	10.2	10.6	31	13	108	93	0	245	46	72	307	13	4	153	839
903 MULTI-USE-FOREST PO	26	4.7	3.5	4.9	3.5	3	0	139	0	0	143	43	16	207	8	47	0	465
904 WDLFE AND FISH ECO	199	67.1	66.3	73.2	63.3	386	218	181	299	232	1316	214	632	3126	361	685	981	7316
905 TREES BEAUTIFICATIO	20	5.7	3.4	7.9	4.3	57	0	0	84	0	141	16	192	166	8	26	0	549
906 ORNAMENT & TURF DEV	210	87.0	38.8	110.1	90.1	981	179	0	55	13	1228	56	62	5554	174	343	184	7601
907 RURAL INCOME IMP	67	12.6	9.0	6.7	13.4	258	40	0	250	54	602	0	6	300	15	21	40	983
908 RURAL INSTITUT IMP	70	19.8	18.4	7.3	17.5	267	98	0	105	373	843	14	85	622	9	23	10	1607
990 UNCLASSIFIED	15	47.6	9.9	23.0	33.3	396	70	9	0	0	476	13	45	840	366	66	902	2709
SUBTOTAL	829	331.4	209.3	339.0	297.0	2980	791	527	1890	1618	7805	467	1769	14322	1043	1618	2532	29558
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		2568.3		2981.4		29870		3468		14405		4852		156478		10465		275923

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS										TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR										
0100 SOIL AND LAND	368	105.2	140.4	80.1	81.2	1287	342	109	46	25	1808	269	1702	5884	657	1638	456	12414		
0200 WATER	232	44.8	55.1	40.8	34.7	398	143	12	20	12	585	38	1040	2257	222	287	101	4531		
0300 WATERSHEDS RIVER BAS	30	6.5	9.3	2.8	7.9	66	5	64	0	0	135	82	258	340	13	15	92	936		
0400 AIR AND CLIMATE	47	14.3	20.3	8.9	15.7	168	133	0	0	0	301	8	344	787	35	49	10	1533		
0500 RECREATION RESOURCES	50	11.8	9.3	6.4	5.6	110	46	63	0	0	219	41	64	531	1	42	89	987		
0600 TIMBER FORST PRODUCT	298	86.9	87.9	68.1	46.6	331	65	1630	0	0	2026	315	507	4657	186	683	417	8791		
0700 RANGE	48	12.8	10.1	8.3	5.5	135	7	2	7	0	152	63	33	601	128	30	33	1041		
0800 WILDLIFE AND FISH	123	24.7	43.3	17.3	16.4	187	9	25	0	16	236	62	550	1316	32	531	170	2897		
0900 CITRUS SUB TROP FRUT	2	0.1	0.4	0.0	0.1	0	7	0	0	0	7	0	3	4	0	1	0	15		
1000 FRUIT NUTS DECIDUCUS	149	42.8	36.2	49.8	28.7	742	90	0	36	0	867	31	119	3625	155	293	86	5175		
1100 POTATOES	90	23.2	24.2	23.7	10.7	298	221	0	0	0	519	6	150	1492	37	185	87	2477		
1200 VEGETABLES	243	60.4	61.5	55.1	34.8	1036	69	0	216	76	1397	113	319	4352	87	355	92	6716		
1300 ORNAMENTALS TURF	125	40.4	26.5	49.5	19.9	512	14	0	0	0	526	42	29	3142	47	286	93	4165		
1400 CORN	442	102.3	124.7	109.1	113.2	1733	382	0	171	0	2287	448	1146	6293	718	1289	265	12448		
1500 GRAIN SORGHUM	126	21.5	29.7	35.8	19.4	231	42	0	0	0	274	58	117	1174	299	99	7	2026		
1600 RICE	11	4.8	9.3	5.4	4.0	3	1	0	0	0	4	0	0	445	2	1	4	455		
1700 WHEAT	300	67.8	73.1	83.1	42.0	855	185	0	75	0	1115	317	116	3862	470	427	225	6532		
1800 OTHER SMALL GRAINS	157	35.0	36.1	35.1	26.8	585	15	0	24	0	624	25	29	1994	161	537	198	3567		
1900 PASTURE	38	3.6	4.6	7.7	8.5	98	14	0	12	0	125	19	11	492	92	22	6	767		
2000 FORAGE CROPS	242	52.6	62.3	49.9	44.2	920	509	0	139	0	1568	169	464	3275	484	278	51	6290		
2100 COTTON	6	3.7	2.8	2.6	1.4	56	0	0	0	0	56	4	6	144	49	40	0	300		
2200 COTTONSEED	1	0.0	0.1	0.0	0.0	1	0	0	0	0	1	0	0	1	0	0	1	4		
2300 SOYBEANS	342	76.8	99.7	71.6	65.6	1240	253	0	447	0	1940	232	117	4447	424	959	292	8411		
2400 PEANUTS	3	0.1	0.2	0.0	0.1	3	0	0	0	0	3	0	2	2	0	0	1	8		
2500 OTHER OILSEED CROFS	49	11.3	10.8	5.8	4.0	128	8	0	0	0	136	16	25	524	47	21	38	809		
2600 TOBACCO	6	1.6	2.0	1.1	0.6	16	0	0	0	0	16	2	22	96	0	3	0	140		
2700 SUGAR CROPS	34	4.4	4.1	5.4	0.8	36	6	0	4	0	46	5	5	329	22	97	4	508		
2800 MISC NEW CROPS	30	6.9	2.6	5.0	5.6	69	51	0	0	0	120	12	3	431	19	52	28	665		
2900 POULTRY	195	58.3	55.0	78.1	63.6	1187	428	0	13	105	1733	91	210	3887	554	196	153	6823		
3000 BEEF CATTLE	403	107.4	128.1	267.7	160.8	1840	624	0	328	478	3270	591	240	9018	7966	592	114	21790		
3100 DAIRY CATTLE	376	94.5	121.9	106.1	125.3	2031	738	0	93	535	3397	354	1055	8593	1525	1131	281	16335		
3200 SWINE	314	85.3	110.2	119.6	115.4	1726	437	0	266	694	3123	214	249	6387	2780	1052	49	13854		
3300 SHEEP AND WOOL	117	25.4	19.7	29.0	28.6	349	110	0	75	261	795	7	50	2404	550	96	15	3916		
3400 OTHER ANIMALS	116	21.7	38.5	17.2	18.4	368	44	0	47	438	897	7	563	1175	174	170	25	3011		
3500 BEES AND HONEY	8	3.4	2.7	1.2	1.0	19	0	0	0	0	19	0	47	234	2	5	2	309		
3600 FARM SUPP & FACILITS	50	14.6	13.4	11.2	13.5	210	14	0	19	0	244	99	160	722	277	95	64	1660		
3700 CLOTHING & TEXTILES	27	7.2	5.8	0.7	2.6	139	4	0	0	0	142	0	0	366	0	9	1	518		
3800 FOOD	170	42.0	54.8	46.0	36.9	664	157	0	50	0	871	124	1013	2388	98	594	297	5386		
3900 HOUSING & EQUIP	61	14.4	17.9	7.2	10.2	178	26	3	0	2	207	115	158	738	24	59	117	1418		
4000 PEOPLE AS INDIVIDUAL	189	46.5	60.4	24.7	26.6	530	110	0	266	39	944	44	669	2066	21	153	47	3944		
4100 FAMILY MEMBERS	93	22.5	28.0	4.3	9.7	237	124	0	158	14	533	14	1	1183	17	35	37	1818		
4200 FARM AS BUSINESS	74	23.1	24.8	4.4	26.9	330	27	0	0	0	357	93	14	1048	40	7	11	1571		
4300 SOC POLIT ORGANIZ	137	37.9	53.5	6.9	26.9	570	92	5	92	137	895	90	57	1665	23	105	89	2925		
4400 AGRIC ECONOMY U S	48	11.1	23.5	6.0	11.0	266	44	0	68	3	381	140	58	688	4	64	0	1335		
4500 AGRIC ECONOMY FORGN	17	3.8	17.5	8.4	12.6	60	0	0	0	0	60	217	4	146	1	17	0	445		
4600 FARM COOPERATIVES	16	1.6	5.6	0.4	2.3	47	14	0	0	0	61	37	8	117	5	7	2	237		
4700 OTH MARKET PROCESS	14	2.5	3.2	0.1	1.8	39	9	0	0	0	48	5	0	110	2	1	2	168		
4800 MARKETING SYSTEMS	48	11.1	15.4	4.9	11.8	173	107	0	74	0	354	86	42	448	15	7	12	964		
6100 WEEDS	11	2.7	0.2	3.3	1.8	45	8	0	0	0	53	0	0	96	3	23	0	175		
6200 SEED RESEARCH	6	2.0	1.4	7.8	4.6	27	0	0	0	0	27	0	31	23	301	13	4	400		
6300 BIO CELL SYSTEMS	97	36.2	69.0	19.8	25.5	325	19	0	0	0	344	11	1915	1736	13	138	111	4268		
6400 EXP DESIGN/STAT METH	31	11.5	11.1	5.1	5.4	61	2	1	0	0	64	528	75	614	32	9	33	1356		
6500 INVERTEERATES	46	16.8	13.6	6.6	10.2	192	2	0	0	8	202	0	151	916	13	16	44	1342		
6600 MICROORGANISMS,VIRUS	84	28.2	48.5	14.4	15.7	308	23	0	0	0	331	102	1532	1340	3	156	85	3549		
6700 PLANTS	176	54.1	51.8	53.4	39.7	707	64	0	382	0	1154	205	709	3167	631	475	229	6570		
6800 ANIMALS(VERTEBRATES)	153	43.0	41.3	53.3	29.5	483	115	0	95	116	809	65	1096	2385	392	223	194	5164		
6900 RESEARCH ON RSCH MGM	14	5.4	4.4	2.9	2.8	44	28	0	0	0	71	42	4	248	2	5	1	373		
7000 RSCH EQUIP & TECHNOL	37	8.1	11.5	6.4	3.8	64	33	35	0	0	132	99	277	366	8	13	45	940		
9900 UNCLASSIFIED	21	34.3	78.5	14.5	91.5	730	621	48	0	29	1429	802	848	5739	908	80	881	10637		
TOTAL	6741		2117.8		1580.4		6642		3223		40041		18415		20772		5789			
		1742.9		1759.7		25193		1996		2988		6563		112510		13768		217853		

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT PROF	TECH	YEARS OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -THY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	67	24.9	32.6	18.1	12.6	224	82	17	11	0	334	14	316	1253	135	792	100	2943
102 SOIL FLMT WTR NUTRI	198	57.4	60.9	50.9	40.0	717	99	126	3	0	945	107	536	3320	624	486	297	6314
103 MGMT OF SALINE SCIL	5	0.5	0.4	1.9	0.2	3	0	0	0	0	3	0	5	47	8	0	0	64
104 ALTERN USE OF LAND	58	15.6	25.0	4.5	17.0	174	40	16	0	25	255	81	357	667	32	106	46	1544
105 CONSERV USE OF WATE	75	17.4	15.9	15.0	18.5	109	18	7	0	11	145	20	294	878	131	127	25	1619
106 DRAIN AND IRRIGATIO	38	8.3	6.6	9.7	5.1	107	0	0	0	0	107	37	164	504	68	3	5	889
107 WATERSHED PROT & MG	39	9.3	14.1	6.6	13.0	162	5	68	0	0	235	82	398	476	36	17	57	1301
108 ECON LEG PROB OF WA	17	7.6	9.3	2.0	6.0	63	0	0	0	1	64	8	71	251	0	1	7	403
109 WEATHER ADAPT & MOD	44	15.6	19.9	9.7	17.9	173	124	0	0	0	297	8	376	839	44	50	15	1630
110 APPRAIS FORST & EAN	35	6.1	8.5	3.7	2.4	17	0	97	0	0	114	21	81	319	1	53	10	601
111 BIOL CULT MGMT FCRS	93	21.4	30.7	15.8	18.0	44	21	493	0	0	558	82	104	1360	145	87	209	2544
112 IMPROV RANGE RESCR	28	8.3	6.0	6.6	3.3	73	7	1	7	0	88	48	11	374	108	12	21	662
113 REMOTE SENSING	15	2.8	7.7	5.6	1.1	10	0	36	0	0	46	101	254	144	0	1	52	598
114 RSCH ON MGMT OF ESC	14	5.4	4.4	2.9	2.8	44	28	0	0	0	71	42	4	248	2	5	1	373
SUBTOTAL	726	200.5	241.9	153.0	158.1	1920	424	861	22	38	3264	653	2971	10679	1335	1741	845	21486
SERIES 200																		
201 CNTRL FORST INSECTS	36	7.2	13.0	1.7	2.1	54	4	93	0	0	151	29	85	356	5	14	18	659
202 CONTROL FOREST DIS	38	6.6	8.8	5.2	3.1	63	0	118	0	0	181	24	0	345	1	27	27	605
203 FOREST FIRE PROTECT	2	0.2	0.6	0.0	0.0	0	0	0	0	0	0	0	0	27	0	1	3	30
204 CNTR PESTS FRT & VEG	54	12.9	17.1	10.6	7.0	165	23	0	43	0	231	30	181	931	12	150	45	1581
205 CNTR DISE FRT & VEG	119	28.9	28.3	21.1	18.0	499	78	0	75	0	652	52	107	1702	26	204	62	2805
206 CNTR WEEDS FRT & VEG	25	5.3	6.7	5.2	2.2	67	6	0	0	0	72	27	1	383	7	49	48	587
207 CNTR PESTS FLD CROP	130	38.1	54.3	34.6	42.6	624	200	0	43	0	867	144	514	2161	83	447	48	4263
208 CNTR DIS FIELD CROP	215	64.2	64.1	58.1	32.7	1066	235	0	62	0	1364	41	196	3556	89	485	88	5819
209 CNTR WEEDS FLD CROP	91	20.4	28.7	28.2	20.8	340	27	0	17	0	384	97	39	1597	232	453	48	2849
210 CNTR PESTS ANIMALS	34	8.0	6.0	5.8	7.2	105	3	0	10	3	121	28	34	408	72	46	1	709
211 CNTR DIS ANIMALS	283	80.9	61.4	116.1	60.4	856	492	0	127	1267	2743	585	501	5454	694	438	128	10543
212 CNTR INTER PARASITE	25	5.8	7.2	12.6	4.9	59	22	0	0	94	175	0	34	488	42	101	34	874
213 PROT ANMLS FROM TOX	49	10.1	9.1	14.0	6.1	92	34	0	0	102	228	4	129	786	65	139	132	1484
214 PROTECT FROM POLLUT	68	9.8	10.7	11.2	6.7	124	33	45	0	5	207	42	98	609	13	531	14	1514
SUBTOTAL	1169	298.4	315.8	324.5	213.8	4115	1158	255	377	1470	7376	1102	1918	18802	1342	3087	695	34321
SERIES 300																		
301 GENET BREED FORST T	39	10.0	7.9	17.1	5.1	40	34	331	0	0	404	14	33	642	6	20	42	1161
302 IMP FOREST ENG SYS	3	0.9	0.1	0.5	0.0	0	0	16	0	0	16	1	1	26	0	0	0	44
303 ECON TIMBER PRODUCT	9	1.8	2.0	0.2	0.2	0	0	38	0	0	38	3	0	104	0	5	23	173
304 IMP BIO EFF FRT & V	180	53.7	50.5	54.7	29.5	798	135	0	162	76	1171	33	206	4634	168	290	74	6575
305 MECH PROD FRT & VEG	17	5.2	1.8	5.2	1.7	115	11	0	0	0	126	17	0	306	2	14	12	477
306 PROD MGMT SYS F & V	23	3.3	1.6	4.6	2.6	64	0	0	0	0	64	0	0	318	19	16	2	419
307 IMP BIO EFF FLD CRP	459	179.0	193.1	236.3	164.5	2664	439	0	501	0	3603	717	750	11719	2094	1839	647	21370
308 MECH PROD FIELD CRO	31	6.8	12.4	6.1	5.6	90	68	0	0	0	159	3	141	539	46	20	28	935
309 PROD MGMT SYS FLD C	80	17.3	12.2	10.6	11.8	282	24	0	0	0	305	69	75	1122	288	63	11	1932
310 ANIMAL REPRODUCTION	148	47.3	81.2	70.6	70.6	1003	203	0	308	555	2069	38	472	3490	1303	284	53	7708
311 IMP BIO EFF ANML PR	387	145.2	180.5	345.3	240.2	3121	1076	0	268	187	4652	381	511	14710	9219	1577	155	31205
312 ENV STRESS IN ANML	47	14.8	18.2	15.9	18.3	281	84	0	0	18	383	81	29	1152	459	161	14	2278
313 PROD MGMT SYS ANML	91	18.9	20.0	14.5	32.4	369	127	0	27	0	522	13	16	1797	994	83	5	3431
314 BEES OTH POLLNTNG I	8	3.4	2.7	1.2	1.0	19	0	0	0	0	19	0	47	234	2	5	2	309
315 IMP STRUC PARM SUPP	47	16.7	16.4	12.6	13.8	224	5	0	0	0	229	180	115	840	281	117	72	1833
316 PARM BUSINESS MGMT	57	17.8	21.7	3.4	21.5	273	11	0	0	0	284	74	14	841	38	5	11	1267
317 MECH/STRUCTS ANML P	23	4.1	4.0	3.8	5.0	139	3	0	14	0	156	72	3	285	37	18	0	572
318 NON-COM BIO TECH/BI	314	132.2	171.5	76.1	81.8	1372	104	1	0	8	1485	120	5122	6229	446	452	475	14329
SUBTOTAL	1963	678.4	757.8	878.8	705.6	10852	2322	386	1281	843	15683	1816	7536	48986	15402	4968	1626	96018
SERIES 400																		
401 NEW IMP FOREST PROD	25	21.0	6.9	9.0	11.6	56	0	227	0	0	283	61	173	809	8	339	9	1681
402 PROD F & V IMP ACCE	43	12.0	7.5	11.4	5.1	203	10	0	0	0	213	5	11	818	5	45	9	1106
403 NEW & IMP FEV FBCD	30	6.7	6.0	10.0	6.7	159	35	0	0	0	194	13	106	451	5	28	14	812
404 MKT QUAL PRTS & VEG	31	7.6	8.6	8.5	4.8	104	69	0	37	0	210	1	14	416	10	91	29	770
405 PROD FLD CROP IMP A	84	26.3	27.1	35.5	21.4	330	146	0	0	0	476	46	202	1096	182	259	45	2306
406 NEW IMP FOOD FLD CR	71	19.4	30.6	18.3	18.9	306	73	0	69	0	448	17	142	1077	151	97	101	2034
407 NEW IMP NON-FOOD FC	21	3.9	5.8	2.2	2.6	30	13	0	0	0	44	0	8	200	24	102	0	379
408 MKT QUAL FIELD CROP	51	8.9	12.3	7.2	8.0	159	36	0	35	0	231	93	135	578	15	113	35	1198
409 PROD ANML PR IMP AC	52	12.6	15.6	12.2	22.4	430	82	0	54	0	567	19	62	1053	541	128	5	2376
410 IMP MEAT MILK ECG P	98	29.1	32.1	23.7	28.9	579	57	0	0	0	636	26	193	1431	285	165	106	2841
411 IMP NON-FOOD ANML P	5	0.3	0.2	0.1	0.1	2	0	0	0	0	2	0	0	13	2	4	0	22
412 MKT QUAL ANIMAL PRO	39	8.6	10.0	6.3	6.6	186	36	0	8	0	230	4	22	414	45	84	19	819
SUBTOTAL	550	156.4	162.7	144.4	137.0	2546	558	227	203	0	3535	284	1067	8356	1274	1454	372	16343
SERIES 500																		
501 IMP GRADES & STANDS	14	3.5	4.7	1.6	2.9	38	9	0	0	0	47	54	9	177	14	12	47	359
502 MKTG TIMBER PRODUCT	3	1.3	0.5	1.3	0.4	0	0	18	0	0	18	11	0	52	0	4	4	88
503 MKTG EFF AGRI PRDCE	76	15.0	24.8	4.6	14.9	310	98	0	203	0	612	99	64	769	10	73	112	1738
506 SPPLY DEMAND AND FFI	30	7.1	14.5	2.2	12.3	192	17	0	0	0	209	158	49	382	9	36	11	853
507 COMP REL IN AGRIC	18	2.6	6.1	0.4	1.7	95	21	0	34	0	150	15	21	204	4	0	101	494
508 DOMESTIC MKT DEVELP	5	1.4	1.4	0.1	0.5	32	0	0	0	0	32	0	0	45	3	0	7	88
509 PERFORMANCE MKTG SY	46	12.2	18.0	4.8	9.5	183	128	0	57	0	368	105	89	496	39	9	19	1125
510 GROUP ACT MKT POWER	16	1.8	4.5	0.7	3.4	55	13	0	17	0	84	41	9	110	4	0	2	251
511 IMP AGRIC STATISTIC	18	3.9	4.8	1.2	2.6	27	6	0	0	0	32	438	70	210	3	8	20	781
512 IMP GRADES FIRST PRO	2	0.2	0.0	0.3	0.0	0	2	0	0	0	2							

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			HATH	RRF	MCIN		OTH CR	TOT CR	USDA CGCA	OTHER PED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL	
			PROF	TECH	OTHER			STEN	GT										
SERIES 800																			
801 RURAL HOUSING	13	2.1	2.5	1.0	2.0	21	5	0	0	0	0	26	0	0	127	9	11	11	184
802 INDIV & FAM DEC MAK	64	16.1	22.4	2.9	5.6	197	60	0	0	7	264	0	2	919	17	40	29	1271	
803 RURAL POVERTY	5	0.3	1.5	0.0	0.5	15	0	0	0	0	15	0	0	27	2	0	0	44	
804 ECON POTENT RURL FE	26	6.8	9.1	1.1	4.9	144	2	0	0	43	189	0	0	314	3	1	0	506	
805 COMMUNICAT RURAL PE	47	13.8	9.9	3.3	9.4	63	6	0	63	7	139	2	6	692	8	35	1	882	
806 ADJUSTMENT TO CHANG	51	15.3	17.4	3.2	6.9	180	88	0	0	7	274	31	27	712	2	18	14	1077	
807 AGRIC ECONOMIC CHAN	54	13.0	18.5	2.7	13.8	239	50	0	68	3	361	66	51	709	8	20	0	1215	
808 GOV'T PROGRAMS	19	3.1	4.4	1.2	1.7	46	22	0	0	0	67	27	32	145	0	15	0	286	
SUBTOTAL	279	70.3	85.6	15.5	44.9	905	233	0	131	67	1336	126	117	3644	49	139	54	5465	
SERIES 900																			
901 ALLEV POLLUTION	174	37.4	63.7	35.6	26.8	489	381	13	73	2	957	57	1142	2266	87	444	148	5103	
902 OUTDOOR RECREATION	47	11.1	8.8	4.7	5.4	121	41	55	0	0	218	34	64	473	1	42	46	878	
903 MULTI-USE-FOREST PO	17	3.2	4.2	2.3	1.3	5	4	49	0	0	59	16	2	152	6	6	114	355	
904 WLDLFE AND FISH ECO	104	21.6	39.7	14.5	15.2	167	0	22	0	16	205	56	479	1220	30	502	133	2625	
905 TREES BEAUTIFICATIO	40	6.9	4.0	7.0	3.3	53	4	47	0	0	104	2	0	470	13	57	24	670	
906 ORNAMENT & TURF DEV	115	38.2	25.0	48.7	18.1	492	14	0	0	0	506	41	29	3048	46	256	69	3995	
907 RURAL INCOME IMP	36	9.3	10.2	2.6	6.4	142	0	0	33	54	229	66	14	345	6	2	10	672	
908 RURAL INSTITUT IMP	83	21.8	32.0	3.3	13.5	356	81	5	59	72	573	24	38	1006	16	68	65	1790	
990 UNCLASSIFIED	21	34.3	78.5	14.5	91.5	730	621	48	0	29	1429	802	848	5739	908	80	881	10687	
SUBTOTAL	637	183.9	266.0	133.1	181.5	2554	1147	240	165	174	4279	1098	2616	14720	1114	1456	1490	26773	
SCIENCE IN SERV OF MAN																			
GRAND TOTAL	5984	1742.9	2117.8	1759.7	1580.4	25193	1996	3223	2988	40041	6563	18415	112511	20772	13768	5789	217859		

## SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					MCIN SP		OTH CR	TOT CF	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	RRF	STEN	GT									
0100 SOIL AND LAND	305	115.2	130.3	81.6	60.1	807	387	55	128	0	1376	685	2069	5513	301	698	556	11198
0200 WATER	204	65.6	67.1	45.0	39.2	419	258	56	2	6	741	496	1963	3416	95	269	287	7267
0300 WATERSHEDS RIVER EAS	39	14.9	6.9	9.9	6.0	25	0	63	0	0	88	528	595	507	2	20	75	1814
0400 AIR AND CLIMATE	41	14.3	14.5	7.9	7.4	38	77	32	0	0	147	79	811	802	87	57	41	2025
0500 RECREATION RESOURCES	52	14.5	17.3	3.0	6.6	44	85	124	0	0	253	129	186	552	2	27	46	1195
0600 TIMBER FORST PRODUCT	400	167.5	183.6	58.3	91.7	146	901539	29	0	0	1804	1684	2575	6793	506	889	658	14909
0700 RANGE	184	49.6	41.9	28.8	48.5	355	26	65	141	0	587	209	1030	2510	214	146	87	4782
0800 WILDLIFE AND FISH	175	49.4	80.3	38.7	29.7	203	0	99	0	2	306	284	1586	2619	78	427	353	5652
0900 CITRUS SUB TROP FRUIT	145	56.8	64.9	16.1	54.3	418	74	0	0	0	493	103	140	5181	16	141	62	6136
1000 FRUIT NUTS DECIDUCUS	282	95.0	96.6	86.4	108.0	616	419	0	4	0	1040	116	226	8259	217	747	144	10749
1100 POTATOES	97	30.7	21.5	23.9	18.7	206	31	0	20	0	256	3	97	1932	119	368	207	2982
1200 VEGETABLES	357	104.8	95.5	74.9	105.7	896	379	0	132	0	1408	184	467	7509	195	614	226	10603
1300 ORNAMENTALS TURF	140	43.5	36.0	21.3	44.7	221	12	2	4	0	240	39	173	3104	51	199	73	3879
1400 CORN	61	11.7	14.7	5.4	12.0	119	0	0	0	0	119	33	102	747	8	16	34	1059
1500 GRAIN SORGHUM	30	5.1	4.5	1.6	3.2	35	14	0	0	0	49	6	0	353	5	7	0	421
1600 RICE	16	4.7	4.5	3.7	5.3	24	0	0	0	0	24	46	36	445	0	59	2	613
1700 WHEAT	176	50.6	39.2	40.0	45.1	432	116	0	171	0	718	100	161	2675	312	358	330	4655
1800 OTHER SMALL GRAINS	141	25.9	23.5	25.7	28.8	268	94	0	14	0	377	77	122	1621	200	155	181	2733
1900 PASTURE	22	4.0	3.0	3.9	6.1	11	0	0	0	0	11	2	63	280	5	8	3	373
2000 FORAGE CROPS	230	63.2	51.5	40.2	43.5	528	241	0	120	0	890	259	471	3706	146	274	72	5818
2100 COTTON	80	30.4	27.7	16.9	17.0	234	73	0	23	0	329	66	76	2070	48	231	139	2958
2200 COTTONSEED	4	1.1	0.1	1.3	0.1	0	17	0	0	0	17	3	5	62	1	0	45	133
2300 SOYBEANS	29	4.5	14.0	4.4	4.5	26	8	0	43	0	77	198	272	262	3	17	2	832
2400 PEANUTS	5	1.3	0.5	0.8	0.4	0	1	0	0	0	1	0	10	50	0	7	0	67
2500 OTHER OILSEED CROPS	33	8.7	7.5	6.0	16.7	32	26	0	8	13	78	37	94	1022	21	107	7	1365
2600 TOBACCO	1	0.0	0.0	0.0	0.1	1	0	0	0	0	1	0	0	0	0	0	0	1
2700 SUGAR CROPS	66	12.3	11.9	7.2	11.1	110	19	0	4	0	134	29	19	800	28	91	38	1139
2800 MISC NEW CROPS	47	11.1	8.3	13.3	15.2	130	48	0	0	0	179	50	172	879	27	166	248	1720
2900 POULTRY	99	32.6	27.9	35.7	35.5	425	204	0	0	44	673	2	139	2346	127	211	139	3639
3000 BEEF CATTLE	309	111.2	111.0	104.9	132.2	1239	1351	0	170	320	3081	152	753	7671	2060	199	262	14178
3100 DAIRY CATTLE	156	41.4	25.3	35.0	43.0	414	248	0	10	158	830	115	89	2862	818	107	158	4981
3200 SWINE	42	8.1	9.3	8.6	19.1	127	26	0	12	10	175	30	128	585	539	11	57	1525
3300 SHEEP AND WOOL	109	30.6	17.2	20.5	23.3	294	241	0	12	98	645	10	206	1442	261	77	326	2967
3400 OTHER ANIMALS	73	20.0	24.8	14.3	19.3	183	44	0	0	30	256	23	631	1100	66	113	39	2228
3500 BEES AND HONEY	26	10.7	10.5	3.7	4.1	102	54	0	0	0	156	52	47	480	5	165	9	914
3600 FARM SUPP & FACILITS	14	2.5	1.9	0.4	2.2	31	4	0	2	0	37	5	46	104	6	20	37	255
3700 CLOTHING & TEXTILES	16	3.4	3.7	0.5	1.0	21	17	0	0	0	39	0	13	175	0	8	5	240
3800 FOOD	110	37.3	34.2	17.8	27.8	276	142	0	65	0	483	48	1187	1811	84	97	112	3822
3900 HOUSING & EQUIP	43	8.5	6.0	4.9	9.6	66	0	24	48	0	137	148	155	527	11	28	43	1048
4000 PEOPLE AS INDIVIDUAL	155	46.1	65.6	21.5	26.2	293	173	5	115	44	631	62	991	1983	50	164	229	4109
4100 FAMILY MEMBERS	40	10.0	5.4	1.4	3.8	80	128	0	15	2	226	5	44	294	6	0	0	575
4200 FARM AS BUSINESS	32	10.1	6.6	2.7	6.7	101	43	0	0	0	145	9	19	441	6	4	1	625
4300 SOC POLIT ORGANIZ	88	23.1	23.1	8.1	11.8	213	48	0	38	74	372	64	692	875	32	88	8	2131
4400 AGRIC ECONOMY U S	26	7.8	10.6	3.7	6.8	33	58	0	0	0	91	30	288	300	11	4	50	773
4500 AGRIC ECONOMY FORGN	8	4.0	2.7	0.6	1.6	22	7	0	0	0	29	4	0	155	0	12	0	200
4600 FARM COOPERATIVES	7	1.0	1.2	0.3	1.3	8	1	0	0	0	9	17	0	49	2	4	5	86
4700 OTH MARKET PROCESS	8	1.1	0.8	0.0	0.9	16	5	0	0	0	22	0	0	35	0	0	6	63
4800 MARKETING SYSTEMS	13	3.5	3.8	1.1	3.6	25	3	2	18	0	48	15	0	171	3	11	28	275
6100 WEEDS	19	4.0	5.0	1.9	3.8	59	4	0	0	0	63	43	13	277	12	20	0	427
6200 SEED RESEARCH	11	2.7	1.3	0.8	0.8	12	0	0	0	0	12	0	31	143	11	0	0	197
6300 BIO CELL SYSTEMS	44	19.5	24.4	7.0	12.0	44	27	0	0	0	71	19	703	1120	11	28	64	2016
6400 EXP DESIGN/STAT METH	20	5.7	7.5	2.0	7.5	17	0	0	0	0	17	69	3	496	46	22	0	653
6500 INVERTEBRATES	115	51.0	78.1	20.2	42.0	218	34	0	0	1	253	102	1208	3084	67	152	48	4914
6600 MICROORGANISMS,VIRUS	61	20.7	20.9	9.9	13.6	152	14	0	0	0	166	14	886	994	14	31	2	2108
6700 PLANTS	233	72.4	105.6	35.7	50.8	462	148	0	375	0	986	151	1228	4584	48	345	162	7504
6800 ANIMALS(VERTEBRATES)	94	46.2	49.5	29.7	32.2	110	80	0	28	26	243	157	1634	2779	94	221	336	5464
6900 RESEARCH ON RSCH MGH	11	3.1	0.3	0.7	0.6	16	2	0	0	0	18	0	107	132	0	0	39	296
7000 RSCH EQUIP & TECHNOL	36	9.4	16.3	6.5	6.7	29	5	5	0	0	38	25	385	747	16	59	11	1281
9900 UNCLASSIFIED	19	34.1	61.0	28.6	41.4	61	14	41	0	47	163	467	850	1287	158	85	261	3271
TOTAL	5399	1738.0	1828.6	1094.8	1420.8	11495	5624	1753	874	21859	7287	25999	102715	7250	8384	6352	179846	

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					MCIN SP		OTH TOT		USDA	OTHER STATE		PROD	INDUS OTH		TOTAL	
		SYS	PROF	TECH	OTHER	HATH												
SERIES 100																		
101 APPRAIS OF SOIL RES	56	20.7	15.0	14.3	12.3	150	57	6	5	0	217	114	247	784	28	66	249	1704
102 SOIL PLNT WTR NUTRI	135	49.8	53.0	36.4	25.2	256	104	56	0	0	416	297	868	2492	186	190	119	4568
103 MGMT OF SALINE SOIL	39	9.1	14.6	6.6	5.1	38	8	0	0	0	46	49	211	597	4	68	6	981
104 ALTERN USE OF LAND	52	19.6	17.2	17.2	13.1	267	71	7	0	0	346	386	313	626	14	92	94	1872
105 CONSERV USE OF WATE	95	30.2	23.1	16.7	14.2	192	108	9	0	6	314	298	852	1220	28	91	159	2963
106 DRAIN AND IRRIGATIO	47	12.2	12.0	8.4	11.2	76	62	0	0	0	137	58	176	937	17	54	93	1474
107 WATERSHED PROT & MG	57	21.7	10.9	11.3	9.0	51	7	104	69	0	231	371	613	916	28	60	153	2372
108 ECON LEG PROB OF WA	13	2.4	6.1	2.1	2.5	17	12	0	0	0	29	47	88	177	1	6	7	355
109 WEATHER ADAPT & MOD	40	11.8	7.6	5.4	6.3	40	104	32	0	0	177	30	418	593	77	15	41	1351
110 APPRAIS FORST & SAN	48	9.7	7.3	5.3	2.3	27	0	80	0	0	107	105	429	411	13	24	11	1100
111 BIOL CULT MGMT PCRS	123	44.0	56.3	17.9	30.1	14	7	553	0	0	574	416	627	1765	369	165	324	4241
112 IMPROV RANGE RESOR	119	30.6	25.1	18.0	31.2	197	9	35	8	0	250	178	636	1651	178	128	57	3078
113 REMOTE SENSING	15	4.1	6.6	2.1	6.5	17	2	12	0	0	30	164	198	145	5	2	1	546
114 RSCH ON MGMT OF RSC	10	2.9	0.3	0.7	0.5	16	2	0	0	0	18	0	107	123	0	0	39	287
SUBTOTAL	849	268.9	255.1	162.5	169.6	1358	552	894	82	6	2893	2515	5784	12438	948	961	1353	26891
SERIES 200																		
201 CNTRL FORST INSECTS	61	17.7	18.4	5.9	9.0	20	45	131	0	0	196	212	373	616	13	27	29	1467
202 CONTROL FOREST DIS	39	10.1	20.4	3.0	5.3	22	31	137	29	0	219	86	63	562	5	45	21	1001
203 FOREST FIRE PROTECT	5	0.7	0.6	0.2	0.1	4	0	6	0	0	10	16	3	23	0	1	9	62
204 CNTR PESTS FRT & V	126	45.7	49.0	29.2	35.8	262	207	0	0	0	469	85	91	3668	69	310	29	4721
205 CNTR DISE FRT & VEG	207	61.8	72.9	44.2	71.4	519	192	0	34	0	745	99	218	5118	80	410	181	6852
206 CNTR WEEDS FRT & V	53	12.8	9.3	11.0	10.0	91	59	0	19	0	168	20	37	957	40	69	46	1338
207 CNTR PESTS FLD CROP	108	34.4	43.7	21.5	32.9	309	81	0	134	0	524	87	299	2311	39	144	33	3437
208 CNTR DIS FIELD CROP	122	34.0	50.5	27.1	30.1	320	72	0	75	3	470	75	135	2116	54	363	174	3386
209 CNTR WEEDS FLD CROP	68	24.4	13.9	12.6	18.5	165	43	0	9	0	217	47	97	1223	29	113	92	1817
210 CNTR PESTS ANIMALS	24	3.8	3.4	0.9	1.9	53	6	0	0	23	81	1	20	172	0	8	8	291
211 CNTR DIS ANIMALS	130	67.9	59.7	65.7	41.3	343	411	0	111	486	1351	262	1683	3834	560	161	356	8206
212 CNTR INTER PARASITE	22	7.3	4.3	6.1	4.3	85	134	0	0	36	254	2	88	314	37	44	3	743
213 PROT ANMLS FROM TOX	23	3.0	3.9	3.9	3.6	27	1	0	0	44	73	45	28	270	14	9	2	439
214 PROTECT FROM POLLUT	67	19.3	30.9	11.7	11.5	105	52	0	95	0	251	86	508	1469	14	146	27	2502
SUBTOTAL	1055	342.9	380.8	243.0	275.5	2325	1332	274	505	592	5028	1124	3643	22654	954	1849	1010	36262
SERIES 300																		
301 GENET BREED FORST T	26	11.7	9.6	3.9	7.3	0	7	95	0	0	102	145	94	451	3	23	44	861
302 IMP FOREST ENG SYS	13	6.1	5.2	0.6	2.6	10	0	58	0	0	68	61	22	239	9	74	2	476
303 ECON TIMBER PRODUCT	21	5.6	9.4	1.4	2.9	1	0	83	0	0	84	67	356	203	13	22	34	780
304 IMP BIO EFF FRT & V	282	96.5	81.9	71.1	112.3	532	292	0	29	0	854	47	332	7988	264	635	266	10386
305 MECH PROD FRT & VEG	40	9.6	5.8	5.8	8.5	77	26	0	17	0	120	52	4	742	30	41	52	1040
306 PROD MGMT SYS F & V	23	4.2	2.7	1.7	5.3	22	22	0	0	0	45	15	3	296	2	16	4	380
307 IMP BIO EFF FLD CRP	296	115.4	88.6	87.6	110.0	869	271	0	190	9	1339	245	1002	7426	609	632	425	11679
308 MECH PROD FIELD CRO	13	4.2	3.1	3.7	2.0	31	1	0	27	0	58	8	5	296	3	26	56	452
309 PROD MGMT SYS FLD C	30	9.5	5.9	5.0	4.6	102	20	0	21	0	143	16	7	473	21	13	49	721
310 ANIMAL REPRODUCTION	95	29.8	32.5	41.6	33.8	408	551	0	17	17	992	28	142	2572	598	97	46	4477
311 IMP BIO EFF ANML PR	208	85.5	81.9	74.4	137.0	1015	340	0	33	57	1446	13	328	6424	2412	282	548	11451
312 ENV STRESS IN ANML	36	11.8	8.8	6.6	13.2	51	143	0	0	24	217	26	143	977	65	26	50	1503
313 PROD MGMT SYS ANML	43	9.9	9.7	4.6	13.3	147	97	0	0	0	243	24	13	684	128	23	15	1130
314 BEES OTH POLLNTNG I	26	10.7	10.5	3.7	4.1	102	54	0	0	0	156	52	47	480	5	165	9	914
315 IMP STRUC FARM SUPP	9	3.1	1.8	1.6	1.7	18	0	0	0	0	18	119	46	136	4	20	54	397
316 FARM BUSINESS MGMT	20	6.0	3.6	1.7	4.4	62	26	0	0	0	88	2	12	271	2	0	1	376
317 MECH/STRUCTS ANML P	5	0.9	0.1	0.7	1.2	24	0	0	0	0	24	0	0	57	4	8	104	197
318 NON-COM BIO TECH/BI	317	141.3	177.5	57.5	101.8	730	79	0	0	0	809	216	3873	8126	176	415	145	13760
SUBTOTAL	1503	561.6	538.7	373.0	565.9	4200	1927	236	335	107	6806	1135	6427	37840	4348	2520	1905	60981
SERIES 400																		
401 NEW IMP FOREST PROD	69	34.4	35.1	8.8	19.1	7	0	217	0	0	225	157	148	1596	75	448	13	2661
402 PROD F & V IMP ACCE	75	14.4	17.6	9.6	16.3	102	35	0	0	0	137	19	57	1520	24	111	19	1888
403 NEW & IMP FEV PRCD	62	21.6	20.5	13.1	18.4	204	8	0	19	0	231	41	133	1310	25	153	15	1909
404 MKT QUAL FRTS & VEG	59	18.2	24.6	16.3	17.8	226	1	0	32	0	259	14	95	1503	20	177	36	2105
405 PROD FLD CROP IMP A	48	12.3	12.0	12.5	11.9	206	82	0	8	0	296	35	43	895	42	99	227	1637
406 NEW IMP FOOD FLD CR	21	3.8	7.7	3.7	3.9	46	16	0	0	0	62	369	159	290	5	19	12	915
407 NEW IMP NON-FOOD FC	9	1.5	2.7	0.8	3.2	16	0	0	0	0	16	0	33	208	0	37	1	294
408 MKT QUAL FIELD CROP	13	2.4	2.4	2.0	1.7	14	0	0	0	0	14	36	5	181	4	24	9	272
409 PROD ANML PR IMP AC	32	11.0	5.7	10.1	9.1	161	171	0	0	0	331	0	50	491	21	12	32	939
410 IMP MEAT MILK EGG P	37	10.0	5.9	6.2	9.1	102	34	0	0	0	136	0	70	686	10	61	6	970
411 IMP NON-FOOD ANML P	7	1.1	1.3	0.8	3.0	5	0	0	0	0	5	0	8	119	4	19	21	176
412 MKT QUAL ANIMAL PRO	23	4.5	4.4	4.5	5.9	64	40	5	26	0	135	5	29	240	9	23	6	447
SUBTOTAL	455	135.2	139.9	88.5	119.4	1153	387	222	85	0	1847	675	829	9040	239	1182	398	14211
SERIES 500																		
501 IMP GRADES & STANDS	12	2.8	2.0	1.5	3.9	48	19	0	10	0	77	6	2	166	6	23	8	288
502 MKTG TIMBER PRODUCT	6	1.9	1.0	0.2	0.3	5	0	0	0	0	5	18	42	46	0	14	5	129
503 MKTG EFF AGRI PRCD	36	8.9	3.6	2.3	4.9	89	76	0	17	0	182	28	1	278	45	15	23	572
506 SPIL DEMAND AND PRI	37	11.9	9.9	4.4	7.0	124	106	0	0	0	230	56	337	409	16	10	10	1067
507 COMP REL IN AGRIC	9	1.3	1.3	0.4	0.6	27	0	0	0	0	40	1	0	90	0	0	8	97
508 DOMESTIC MKT DEVELP	10	2.0	1.2	0.8	0.8	30	4	0	0	0	27	5	2	53	2	4	0	139
509 PERFORMANCE MKTG SY	23	7.1	6.3	1.4	7.5	93	22	2	19	0	135	7	17	211	11	11	58	450
510 GROUP ACT MKT POWER	5	1.1	0.8	0.2	0.5	11	0	0	0	0	11	3	0	47	1	0	11	72
511 IMP AGRIC STATISTIC	6	3.2	5.0	0.7	2.9	8	0	0	0	0	8	63						

## SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-9 SUMMARY BY

PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				HATH	RRP	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	7	1.2	0.7	0.3	0.8	22	0	0	0	0	22	0	13	61	3	3	1	104
802 INDIV & FAM DEC MAK	44	7.7	6.3	1.4	3.5	90	72	5	15	0	182	0	1	273	8	2	0	467
803 RURAL POVERTY	10	1.4	1.3	0.6	0.7	24	5	0	12	0	41	0	0	55	0	0	0	96
804 ECON POTENT RURL PE	24	6.5	5.0	0.8	1.9	22	47	0	0	29	98	9	78	253	5	0	0	444
805 COMMUNICAT RURAL PE	24	5.7	6.4	1.5	1.3	34	13	0	0	2	50	8	6	221	18	7	111	420
806 ADJUSTMENT TO CHANG	39	9.8	8.2	1.7	4.9	100	96	0	11	5	212	13	25	343	10	23	8	634
807 AGRIC ECONOMIC CHAN	28	10.5	12.7	3.9	8.5	63	75	0	0	0	138	30	32	428	13	8	50	699
808 GOV'T PROGRAMS	8	0.9	1.0	0.2	0.3	3	7	0	0	0	11	6	2	40	0	4	0	63
SUBTOTAL	184	43.6	41.5	10.4	22.1	359	315	5	38	36	753	66	158	1675	58	48	169	2927
SERIES 900																		
901 ALLEV POLLUTION	138	52.1	74.6	36.2	26.1	299	293	30	103	0	723	191	2063	2848	146	471	191	6633
902 OUTDOOR RECREATION	49	14.0	17.1	3.0	6.2	46	84	124	0	0	254	125	188	532	2	27	48	1174
903 MULTI-USE-FOREST PO	28	5.6	4.2	0.9	2.1	2	2	80	0	0	84	29	23	220	5	2	3	367
904 WDLFE AND FISH ECO	152	45.1	76.8	37.0	28.2	178	0	94	0	2	274	278	1409	2437	75	396	347	5216
905 TREES BEAUTIFICATIO	33	15.1	8.3	5.5	6.2	43	1	29	0	0	72	138	320	709	3	38	52	1332
906 ORNAMENT & TURF DEV	135	41.5	35.0	20.8	43.3	213	11	1	4	0	230	39	120	2947	50	187	71	3643
907 RURAL INCOME IMP	39	7.2	10.2	1.7	4.4	46	7	0	23	58	133	32	9	333	26	49	0	582
908 RURAL INSTITUT IMP	53	14.8	11.4	5.3	7.1	135	32	0	15	26	208	36	686	497	8	40	8	1484
990 UNCLASSIFIED	19	34.1	61.0	28.6	41.4	61	14	41	0	47	163	467	850	1287	158	85	261	3271
SUBTOTAL	646	229.6	298.8	139.0	165.0	1022	442	399	145	133	2141	1336	5667	11809	474	1295	981	23703
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	5176	1738.0	1828.6	1094.8	1420.8	11495	5624	2113	1753	874	21859	7287	25999	102715	7250	8384	6352	179846

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
NATIONAL TOTAL SAES

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ SYS		STAFF SUPPORT YEARS				MCIN SP			OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
	PROJ	SYS	PROF	TECH	OTHER	HATH	RRF	STEN	GT									
0100 SOIL AND LAND	1109	349.8	390.6	334.5	255.5	3795	1277	254	214	33	5572	1207	4419	18707	1335	2658	2372	36269
0200 WATER	696	174.4	212.0	162.6	133.6	1609	579	83	26	24	2320	633	3720	9178	539	903	1069	18362
0300 WATERSHEDS RIVER BAS	115	30.0	26.9	31.9	26.7	233	141	181	5	0	560	524	988	1497	32	69	193	3863
0400 AIR AND CLIMATE	131	36.3	41.6	21.5	30.6	254	244	26	0	0	525	121	1197	2060	210	144	68	4323
0500 RECREATION RESOURCES	138	40.5	40.1	20.1	24.7	278	283	263	0	0	825	179	265	1509	22	85	312	3197
0600 TIMBER FORST PRODUCT	924	340.7	352.9	293.0	232.6	1054	6755779	32	2	7542	2430	3148	16054	604	1980	1605	33361	
0700 RANGE	273	73.5	63.2	57.9	80.4	689	55	71	237	0	1052	256	1055	4081	490	342	123	7400
0800 WILDLIFE AND FISH	550	157.6	217.2	156.5	129.8	1167	269	351	0	42	1829	483	2976	8228	587	1857	1905	17864
0900 CITRUS SUB TROP FRUT	292	138.3	79.1	122.5	206.4	1069	140	0	40	0	1249	227	279	10237	155	420	128	12695
1000 FRUIT NUTS DECIDUCUS	1000	330.9	248.9	372.6	325.4	4004	1130	0	200	0	5334	313	568	24060	1177	1699	583	33735
1100 POTATOES	306	83.5	70.9	85.8	57.4	1076	454	0	92	0	1622	133	333	5163	301	677	536	8765
1200 VEGETABLES	1294	424.8	300.1	407.4	460.3	5245	1182	0	516	0	6944	493	1221	27390	1033	1827	651	39560
1300 ORNAMENTALS TURF	599	212.2	131.3	227.0	185.9	2409	359	2	4	13	2787	211	506	13953	332	1063	385	19237
1400 CORN	847	189.2	195.9	196.2	201.4	3167	689	0	232	0	4089	616	1578	11329	952	1552	466	20583
1500 GRAIN SORGHUM	299	51.5	51.3	68.5	54.5	648	99	0	14	0	761	82	119	3244	417	224	53	4899
1600 RICE	114	38.1	23.5	27.4	24.9	318	24	0	10	0	352	55	47	3012	165	312	19	3961
1700 WHEAT	633	145.3	134.1	152.9	114.0	1874	341	0	304	0	2518	439	359	8186	939	964	632	14038
1800 OTHER SMALL GRAINS	411	80.5	73.8	87.8	79.2	1275	124	0	38	0	1437	142	177	4615	448	750	404	8174
1900 PASTURE	167	32.6	13.6	39.2	54.0	417	35	0	21	0	472	39	145	2657	281	82	98	3774
2000 FORAGE CROPS	881	253.3	179.8	266.7	257.7	3722	1209	0	512	0	5445	647	1187	15841	1332	765	238	25456
2100 COTTON	351	127.9	81.2	111.3	125.7	1424	629	0	42	0	2092	512	359	7525	536	1299	439	12762
2200 COTTONSEED	20	3.0	2.2	4.0	1.6	30	17	0	0	0	47	3	42	177	3	38	46	355
2300 SOYBEANS	824	211.2	221.0	197.8	225.4	3114	921	0	777	0	4811	600	534	13000	949	1726	837	22457
2400 PEANUTS	151	39.7	29.1	66.9	52.9	427	52	0	97	0	576	109	81	2955	164	292	303	4481
2500 OTHER OILSEED CROPS	99	22.4	21.6	13.6	21.6	224	34	0	8	13	278	54	152	1781	105	148	45	2564
2600 TOBACCO	164	62.7	38.6	77.4	93.0	869	29	0	13	0	912	108	46	5070	317	183	328	6963
2700 SUGAR CROPS	170	51.5	22.0	44.6	91.6	754	49	0	9	0	812	35	204	3279	268	384	55	5038
2800 MISC NEW CROPS	122	27.2	15.4	25.8	42.5	355	178	0	13	0	547	64	187	1769	100	228	282	3177
2900 POULTRY	744	246.9	199.7	373.0	307.7	4195	1611	0	73	365	6243	269	1220	17354	1528	996	652	28263
3000 BEEF CATTLE	282	78.7	65.7	45.1	114.9	806	615	0	71	357	1848	214	431	6764	2144	265	196	11862
3000 BEEF CATTLE	1028	320.1	296.4	593.9	487.3	5668	2501	0	633	861	9664	988	1541	272661	1408	1213	640	52721
3100 DAIRY CATTLE	303	86.7	81.3	57.1	80.2	1030	396	0	52	314	1791	183	633	6146	1326	445	597	11121
3100 DAIRY CATTLE	802	222.3	191.5	332.2	351.1	4613	1491	0	42	707	6852	516	1003	19102	4082	1527	554	33637
3200 SWINE	584	158.0	164.2	216.3	247.4	3079	672	0	246	746	4743	367	1152	12604	4120	1244	347	24578
3300 SHEEP AND WOOL	340	72.3	53.3	82.6	78.7	1137	422	0	14	185	1758	78	297	5390	1005	270	359	9155
3400 OTHER ANIMALS	408	91.5	110.1	101.1	80.4	1232	115	0	56	237	1640	117	1982	5281	548	500	221	10289
3500 BEES AND HONEY	45	17.1	16.1	7.7	6.2	180	54	0	0	0	234	60	99	852	28	173	18	1464
3600 FARM SUPP & FACILITS	93	23.9	19.9	17.6	21.1	330	19	0	29	0	378	127	341	1234	308	154	101	2643
3700 CLOTHING & TEXTILES	67	15.5	13.6	3.4	6.2	244	106	0	0	0	351	0	13	790	5	17	6	1182
3800 FOOD	490	152.3	162.3	140.9	133.3	2129	960	0	116	0	3206	287	2887	7533	350	1071	507	15840
3900 HOUSING & EQUIP	203	57.8	56.6	40.7	42.8	566	134	26	74	14	815	564	525	3090	167	260	240	5660
4000 PEOPLE AS INDIVIDUAL	617	171.9	186.4	109.4	103.3	1967	733	5	196	140	3040	212	2667	7307	314	468	713	14721
4100 FAMILY MEMBERS	193	52.4	55.6	20.8	31.1	553	369	0	15	32	968	27	283	2368	148	340	505	4639
4200 FARM AS BUSINESS	199	65.4	48.2	16.6	62.2	1008	154	0	0	4	1166	197	47	2723	92	83	35	4344
4300 SOC POLIT ORGANIZ	407	122.7	122.3	34.8	76.6	1723	448	9	251	480	2911	257	846	4247	161	331	346	9098
4400 AGRIC ECONOMY U S	109	29.2	43.8	13.2	26.1	473	107	0	68	6	654	190	346	1468	30	123	54	2866
4500 AGRIC ECONOMY FORGN	32	13.9	23.2	9.6	19.2	103	7	0	0	0	110	221	4	412	17	29	38	830
4600 FARM COOPERATIVES	37	4.7	7.9	1.2	6.8	92	22	0	0	0	113	81	8	272	7	11	7	499
4700 OTH MARKET PROCESS	43	6.5	5.6	2.6	7.5	105	40	0	0	0	146	57	2	263	6	29	8	510
4800 MARKETING SYSTEMS	98	27.5	22.9	17.5	25.0	425	208	4	116	0	753	259	42	1107	33	38	51	2283
6100 WEEDS	56	10.6	11.2	14.6	12.4	196	14	0	0	0	209	52	40	607	38	90	62	1099
6200 SEED RESEARCH	36	10.1	6.0	17.9	9.8	95	13	0	0	0	107	0	62	464	316	41	5	996
6300 BIO CELL SYSTEMS	223	85.2	122.5	61.9	42.2	762	47	0	0	0	809	60	3829	3852	73	184	280	9087
6400 EXP DESIGN/STAT METH	73	24.7	22.4	13.3	20.9	119	3	0	0	1	124	607	120	1624	118	32	42	2667
6500 INVERTEBRATES	268	104.5	118.2	58.9	68.7	843	60	0	17	8	929	152	1952	5700	127	288	251	9399
6600 MICROORGANISMS, VIRUS	251	86.0	104.9	89.8	49.6	829	78	0	0	0	907	172	3381	4276	124	301	253	9414
6700 PLANTS	693	219.4	226.3	184.6	183.7	2201	668	1	1827	0	4697	650	2434	12470	892	1361	1395	23900
6800 ANIMALS (VERTEBRATES)	382	117.9	124.7	119.8	80.3	871	248	1	256	141	1517	293	3916	6682	605	515	680	14208
6900 RESEARCH ON RSCH MGM	33	13.8	7.1	4.2	3.7	83	30	0	0	0	112	42	112	646	3	30	139	1083
7000 RSCH EQUIP & TECHNOL	113	26.7	33.0	20.4	15.2	140	54	57	0	0	251	123	755	1455	62	71	58	2774
9900 UNCLASSIFIED	59	102.5	121.2	64.6	167.0	1344	741	76	0	77	2238	1004	2043	8040	2685	580	1913	17904
TOTAL	21991	6567.5	6121.9	6560.6	6557.7	24355	7188	7610	4799	124595	19141	60904	406147	46060	35753	25449	718048	

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
NATIONAL TOTAL SAES

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRC	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH											
SERIES 100																	
101 APPRAIS OF SOIL RES	195	70.7	75.3	68.1	41.1	744	150	33	16	0	944	137	604	3562	258	721	7234
102 SOIL PLNT WTR NUTRI	543	170.6	161.5	172.1	139.0	1773	455	186	5	0	2419	637	1568	9750	1010	888	17115
103 MGMT OF SALINE SCIL	59	15.0	17.3	15.0	14.0	87	8	0	0	0	95	49	216	993	23	97	1482
104 ALTERN USE OF LAND	173	51.3	58.5	34.1	42.3	742	244	22	0	29	1037	494	746	1872	82	233	4844
105 CONSERV USE OF WATE	255	62.8	51.1	49.1	54.1	502	189	34	1	23	747	393	1279	3077	241	284	6183
106 DRAIN AND IRRIGATIO	122	30.6	23.7	28.3	22.3	246	70	4	1	0	320	99	346	1995	116	117	3107
107 WATERSHED PROT & MG	138	39.8	44.9	47.2	40.1	315	136	245	75	4	775	488	985	2237	86	102	5146
108 ECON LEG PROB OF WA	44	14.1	39.3	6.3	12.5	143	12	0	0	1	156	57	163	710	4	22	1126
109 WEATHER ADAPT & MOD	118	32.3	33.3	19.7	32.4	253	262	25	0	0	541	128	775	1778	222	72	3580
110 APPRAIS FORST & EAN	98	21.8	20.4	10.3	9.4	85	0	239	0	0	324	163	539	994	31	55	2153
111 BIOL CULT MGMT FORS	256	82.0	82.4	58.9	67.6	127	401882	0	0	0	2050	322	395	3998	242	368	549
112 IMPROV RANGE RESCR	175	45.6	39.2	40.2	57.7	432	37	53	51	0	573	176	634	2706	427	257	81
113 REMOTE SENSING	41	9.5	16.5	11.3	9.8	40	12	101	0	0	153	255	484	402	35	18	57
114 RSCH ON MGMT OF RSC	31	13.6	5.8	4.2	3.6	83	30	0	0	0	112	42	112	627	2	9	1029
SUBTOTAL	2248	659.5	669.4	564.7	585.9	5571	16462824	148	56	10245	3440	8846	34700	2779	3242	3931	67182
SERIES 200																	
201 CNTRL FORST INSECTS	151	42.2	51.0	44.0	22.6	164	187	510	0	0	861	674	842	1746	61	123	202
202 CONTROL FOREST DIS	113	33.1	33.0	24.3	17.0	168	132	540	29	0	869	136	59	1691	37	44	66
203 FOREST FIRE PROTECT	9	1.2	3.4	0.4	0.5	4	0	8	0	0	12	79	6	73	0	1	11
204 CNTR PESTS FRT & VE	396	132.7	111.3	132.1	112.9	1342	354	0	215	0	1911	275	536	8824	294	876	316
205 CNTR DISE FRT & VEG	682	211.0	162.8	208.6	236.4	2493	519	0	202	0	3214	352	387	13939	470	1048	555
206 CNTR WEEDS FRT & VE	168	44.6	35.4	45.3	44.6	639	105	0	47	0	791	59	96	2835	183	261	168
207 CNTR PESTS FLD CROP	512	168.5	172.9	172.9	181.4	2638	737	0	260	0	3634	591	1068	9829	431	1378	370
208 CNTR DIS FIELD CROP	693	208.8	174.1	210.2	171.6	3051	714	0	271	3	4039	275	446	12161	555	1370	689
209 CNTR WEEDS FLD CROP	307	92.8	93.7	82.4	98.9	1242	246	0	109	0	1597	229	166	5909	520	1202	363
210 CNTR PESTS ANIMALS	120	32.8	25.8	25.8	18.8	481	26	0	59	92	658	178	78	1599	115	131	79
211 CNTR DIS ANIMALS	699	255.2	194.7	356.2	184.6	2492	1468	0	316	2899	7174	1275	2684	16183	2052	1041	699
212 CNTR INTER PARASITE	32	7.6	4.1	7.2	2.2	85	58	0	3	114	260	4	80	354	56	72	55
213 CNTR INTER PARASITE	76	25.4	18.7	33.1	28.8	312	98	0	13	167	590	28	111	1641	112	268	21
214 PROT ANALS FROM TOX	120	23.6	16.8	37.1	19.0	225	104	0	5	242	576	77	220	1958	117	200	179
214 PROTECT FROM POLLUT	231	50.6	63.2	51.6	43.9	501	187	74	342	5	1107	483	874	3051	54	918	114
SUBTOTAL	4309	1330.2	1161.1	1431.3	1183.2	215835	4934	1132	1873	3521	27295	4716	7652	81793	5056	8934	3892
SERIES 300																	
301 GENET BREED FORST T	89	29.5	36.0	53.1	26.2	63	155	758	0	0	976	77	90	1706	50	500	72
302 IMP FOREST ENG SYS	19	9.0	5.0	8.0	5.5	52	0	101	0	0	154	24	202	320	8	87	0
303 ECON TIMBER PRODUCT	33	11.8	14.1	4.7	10.1	1	0	223	0	0	224	167	381	521	23	66	125
304 IMP BIO EFF FRT & V	993	338.2	215.6	360.5	425.0	3608	753	0	236	0	4598	197	719	25886	1048	1387	530
305 MECH PROD FRT & VEG	141	38.0	20.1	41.1	37.4	585	113	0	17	0	714	119	18	2621	90	193	94
306 PROD MGMT SYS F & V	90	21.4	10.3	23.8	23.9	208	38	0	0	0	246	40	4	1399	104	46	10
307 IMP BIO EFF FLD CROP	1534	619.1	442.5	702.6	737.1	7828	1589	0	1119	9	10546	1293	2626	42308	4520	3559	2486
308 MECH PROD FIELD CRO	105	29.7	29.3	25.9	27.3	441	110	0	27	0	578	91	173	2031	150	224	172
309 PROD MGMT SYS FLD C	242	64.7	46.0	51.4	63.2	919	184	0	50	0	1153	100	138	4412	497	275	144
310 ANIMAL REPRODUCTION	468	166.1	193.9	255.2	269.8	2931	1178	0	157	95	4362	78	2758	13377	3207	644	281
311 IMP BIO EFF ANML PR	1229	439.8	418.2	799.9	811.9	8596	2433	0	374	231	11633	676	1629	44330	16484	2758	1478
312 ENV STRESS IN ANML	176	50.3	38.9	52.6	62.4	797	344	0	0	41	1182	131	248	3878	784	250	87
313 PROD MGMT SYS ANML	271	65.7	54.3	56.2	121.9	1155	350	0	51	0	1556	79	43	5791	1976	157	419
314 BEES OTH POLLNTNG IN	45	17.1	16.1	7.7	6.2	180	54	0	0	0	234	60	99	852	28	173	18
315 IMP STRUC FARM SUPP	111	36.6	31.9	34.3	31.9	494	5	0	0	0	499	587	346	1938	424	202	151
316 FARM BUSINESS MGMT	156	52.0	40.1	13.9	52.0	854	115	0	0	0	969	169	40	2106	82	74	35
317 MECH/STRUCTS ANML P	65	14.9	9.1	17.1	16.1	316	23	0	14	0	353	102	35	978	75	104	140
318 NON-COM BIO TECH/BI	1056	436.9	489.1	337.8	268.4	3716	245	1	123	8	4093	552	12912	22235	983	1363	1063
SUBTOTAL	6823	2440.6	2110.4	2845.7	2995.8	832745	7688	1084	2167	385	44069	4539	224611	76691	130535	12061	7306
SERIES 400																	
401 NEW IMP FOREST PROD	113	68.0	57.1	44.5	45.8	146	0	897	0	0	1043	265	458	2992	84	463	351
402 PROD F & V IMP ACCE	263	56.6	43.7	59.2	57.0	668	117	0	0	0	785	30	96	4367	192	236	61
403 NEW & IMP EFF PRCD	192	64.5	50.4	52.9	64.4	930	118	0	19	0	1067	57	269	3738	141	316	56
404 MKT QUAL FRTS & VEG	191	55.6	52.6	62.9	44.0	827	420	0	93	0	1341	38	132	3486	123	361	98
405 PROD FLD CROP IMF A	244	67.1	60.8	81.6	72.6	1047	286	0	47	0	1380	98	286	3991	416	433	323
406 NEW IMP FOOD FLD CR	141	35.3	51.6	36.6	33.5	628	104	0	90	0	823	386	373	2143	196	211	120
407 NEW IMP NON-FOOD FC	49	12.9	13.2	8.2	20.9	207	26	0	0	0	233	15	56	741	76	161	3
408 MKT QUAL FIELD CROP	89	18.4	16.9	15.6	13.7	304	36	0	35	0	376	134	139	1094	22	142	53
409 PROD ANML PR IMP AC	145	38.5	33.3	53.0	58.1	1090	401	0	50	1	1542	33	237	2490	663	185	79
410 IMP MEAT MILK EGG P	269	83.1	88.0	85.0	79.0	1562	289	0	0	0	1851	74	542	5027	497	420	266
411 IMP NON-FOOD ANMI P	21	2.5	3.6	1.5	3.6	21	0	0	0	0	21	0	13	276	7	24	22
412 MKT QUAL ANIMAL FRO	118	28.8	26.2	31.9	35.0	606	102	0	34	0	741	8	80	1609	75	281	43
SUBTOTAL	1835	531.4	497.3	532.9	527.5	8037	1900	897	368	1	11203	1139	2681	31954	2493	3234	1475
SERIES 500																	
501 IMP GRADES & STANDS	64	18.7	12.9	14.1	22.8	281	80	0	10	0	372	75	35	997	184	98	70
502 MKTG TIMBER PRODUCT	22	4.8	3.5	3.6	3.6	39	40	47	3	1	130	32	7	140	1	24	4
503 MKTG EFF AGRI PRODS	218	56.3	45.4	20.7	44.7	867	492	0	305	0	1664	270	88	1959	80	150	181
506 SPPLY DEMAND AND FRI	158	44.5	48.0	16.9	59.1	673	629	0	0	0	1301	290	484	1661	75	76	63
507 COMP REL IN AGRIC	63	10.6	10.9	1.9	5.4	185	91	0	40	0	316	40	23	457	6	14	101
508 DOMESTIC MKT DEVELP	43	11.1	6.3	2.4	8.8	133	111	0	5	0	249	2	22	436	11	28	41
509 PERFORMANCE MKTG SY	148	46.1	35.1	21.5	42.4	672	466	4	103	0	1245	312	107				

## NATIONAL TOTAL SAES

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										OTH TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT										
SERIES 700																			
701 TOX RES IN FOOD	187	57.5	59.5	51.5	50.8	437	615	0	1663	12	2727	139	1089	2758	138	281	235	7368	
702 FOOD PROT FROM TCX	204	57.8	52.7	66.3	41.7	879	378	0	17	11	1284	37	1069	3207	134	601	178	6511	
703 FOOD CONSUMP HABITS	133	29.4	28.9	21.3	18.2	375	154	0	23	0	552	51	309	1114	69	64	142	2302	
704 HOME COMM FOOD SERV	44	12.0	20.4	7.4	9.9	173	71	0	7	0	251	6	149	490	50	21	41	1009	
705 SEL CARE CLOTH & TE	59	13.1	11.5	2.6	5.3	180	100	0	0	0	280	0	13	720	5	8	6	1031	
706 CONTR INSECTS AFF M	124	42.0	40.5	28.6	23.2	415	111	10	17	0	554	78	256	2230	74	194	173	3560	
707 TRANS ANIML MAN DI	26	8.3	10.9	9.8	2.1	36	11	0	0	0	48	14	532	338	41	22	51	1046	
708 HUMAN NUTRITION	320	102.8	141.5	110.8	72.6	1324	513	0	164	0	2001	139	3214	4764	174	369	433	11094	
709 REDUCE HAZ HLTH & S	59	15.5	12.4	11.0	8.0	196	33	0	0	0	228	32	192	616	7	79	108	1263	
SUBTOTAL	1156	338.6	378.4	309.3	231.7	4015	1986	10	1892	23	7925	496	6825	16236	694	1639	1368	35183	
SERIES 800																			
801 RURAL HOUSING	47	15.2	14.1	5.3	7.9	120	101	0	0	13	233	0	142	634	22	15	12	1059	
802 INDIV & FAM DEC MAK	163	40.5	44.3	16.2	23.3	459	274	0	15	7	754	7	186	1932	150	308	456	3792	
803 RURAL POVERTY	30	4.8	6.3	1.3	4.9	90	27	0	12	21	150	1	0	199	8	0	4	362	
804 ECON POTENT RURL PE	83	23.0	24.7	7.0	15.2	324	123	0	0	124	571	26	118	846	25	9	137	1731	
805 COMMUNICAT RURAL PE	116	30.1	23.6	8.3	20.5	229	19	5	0	9	262	16	65	1735	101	74	212	2466	
806 ADJUSTMENT TO CHANG	150	43.3	35.2	13.9	24.8	562	311	0	11	12	896	52	73	1621	17	79	42	2781	
807 AGRIC ECONOMIC CHAN	123	34.2	39.3	10.5	31.2	462	130	0	68	10	670	106	83	1724	32	67	52	2734	
808 GOV'T PROGRAMS	36	6.2	5.5	2.1	4.3	79	29	0	0	0	108	35	35	310	1	20	0	509	
SUBTOTAL	748	197.3	193.0	64.5	132.1	2325	1014	5	106	195	3645	243	702	9002	356	572	914	15433	
SERIES 900																			
901 ALLEV POLLUTION	596	188.3	238.3	191.4	119.2	2022	1026	106	304	5	3462	260	4520	10233	478	1634	1035	21623	
902 OUTDOOR RECREATION	127	37.5	38.1	18.2	23.7	269	278	224	0	0	772	156	263	1372	21	83	301	2967	
903 MULTI-USE-FOREST PO	63	14.3	14.5	10.3	7.3	16	6	254	0	0	276	98	31	582	19	56	123	1185	
904 WDLPE AND FISH ECO	469	134.8	191.0	138.1	116.6	961	237	308	0	42	1549	433	2310	7188	538	1666	1781	15465	
905 TREES BEAUTIFICATIO	98	24.5	20.7	21.4	14.9	182	101	100	0	0	384	65	427	1340	31	129	39	2416	
906 ORNAMENT & TURF DEV	581	205.6	128.4	223.1	180.7	2362	357	2	4	13	2738	211	273	13648	330	1019	361	18580	
907 RURAL INCOME IMP	156	37.6	36.1	10.3	22.9	651	90	0	102	219	1061	134	31	1132	52	73	58	2541	
908 RURAL INSTITUT IMP	253	73.1	71.3	22.2	47.8	991	327	9	154	259	1740	126	815	2653	110	222	219	5885	
990 UNCLASSIFIED	59	102.5	121.2	64.6	167.0	1344	741	76	0	77	2238	1004	2043	8040	2085	580	1913	17904	
SUBTOTAL	2402	818.4	859.7	699.6	700.0	8799	3163	1079	564	616	14220	2487	10714	46189	3665	5462	5829	88566	
SCIENCE IN SERV OF MAN																			
GRAND TOTAL		6567.5		6560.6		80643		7188		4799		19141		406148		35753		718050	

## FORESTRY SCHOOL TOTAL

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF		STAFF					MCIN SP		OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	
	PROJ	SYS	SUPPORT	TECH	YEARS	HATH	RRP	STEN	GT									
0100 SOIL AND LAND	33	14.3	11.5	9.2	4.1	0	0	118	0	0	118	26	304	326	0	223	175	1172
0200 WATER	12	5.3	3.7	1.7	2.0	0	0	33	0	0	33	27	88	143	0	37	70	398
0300 WATERSHEDS RIVER EAS	17	5.0	2.7	1.7	1.0	0	0	37	0	0	37	106	62	77	0	19	51	352
0400 AIR AND CLIMATE	3	1.0	0.9	0.0	2.0	0	0	32	0	0	32	49	0	21	0	0	0	102
0500 RECREATION RESOURCES	34	9.2	9.5	2.7	2.3	0	0	168	0	0	168	74	143	271	2	0	38	696
0600 TIMBER FORST PRODUCT	362	138.6	123.4	63.8	59.6	0	0	1664	0	0	1664	1008	1501	4915	598	918	581	11184
0700 RANGE	20	3.8	3.8	1.0	0.4	0	0	15	0	0	15	75	43	148	1	3	0	286
0800 WILDLIFE AND FISH	71	19.1	29.0	16.7	1.2	0	0	169	0	0	169	173	782	458	13	35	245	1875
1300 ORNAMENTALS TURF	4	0.3	0.7	0.0	0.0	0	0	1	0	0	1	1	0	16	0	0	5	23
2000 FORAGE CROPS	1	0.0	0.1	0.0	0.0	0	0	0	0	0	0	6	0	2	0	0	0	8
2300 SOYBEANS	1	0.2	0.2	0.0	0.0	0	0	0	0	0	0	0	0	4	0	0	0	4
2900 POULTRY	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1
3200 SWINE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
3600 FARM SUPP & FACILITS	1	0.3	0.0	0.0	0.0	0	0	6	0	0	6	0	0	19	0	0	0	24
3900 HOUSING & EQUIP	3	0.8	0.3	0.1	0.1	0	0	0	0	0	0	7	22	14	0	7	2	53
4000 PEOPLE AS INDIVIDUAL	2	0.0	0.0	0.0	0.1	0	0	5	0	0	5	2	0	0	0	0	0	8
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0	0	2	0	0	2	0	0	0	0	0	0	2
6400 EXP DESIGN/STAT METH	2	0.2	0.5	0.0	0.0	0	0	1	0	0	1	0	0	15	0	0	0	16
6700 PLANTS	3	0.2	0.2	0.0	0.0	0	0	0	0	0	0	2	1	17	0	0	0	20
7000 RSCH EQUIP & TECHNOL	5	1.1	0.8	0.0	0.7	0	0	36	0	0	36	7	0	51	0	28	0	122
9900 UNCLASSIFIED	8	21.5	29.0	8.4	2.4	0	0	26	0	0	26	396	696	764	57	91	546	2576
TOTAL	586		216.4		75.9	0	0		0		2312		3642		672	1714		
		220.9		105.2		0		2312		0		1958		7263		1362		18922

## FORESTRY SCHOOL TOTAL

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL	
		SYS	PROF	TECH	OTHER														
SERIES 100																			
101 APPRAIS OF SOIL RES	8	5.5	4.8	3.2	1.6	0	0	19	0	0	0	19	9	83	139	0	187	74	510
102 SOIL PLNT WTR NUTRI	20	7.5	6.9	5.0	2.1	0	0	115	0	0	0	115	9	216	127	0	23	70	560
104 ALTERN USE OF LAND	8	0.3	0.9	0.7	0.3	0	0	9	0	0	0	9	0	7	46	0	4	1	67
105 CONSERV USE OF WATE	5	3.8	1.3	1.6	1.0	0	0	0	0	0	0	0	9	83	90	0	23	70	274
107 WATERSHED PROT & MGD	19	9.1	4.4	3.6	2.3	0	0	32	0	0	0	32	117	226	170	0	26	113	685
109 WEATHER ADAPT & MOD	3	0.9	0.5	0.3	0.7	0	0	31	0	0	0	31	0	41	34	0	0	0	107
110 APPRAIS FORST & RAN	33	4.5	5.2	3.2	1.5	0	0	105	0	0	0	105	17	25	211	3	33	9	402
111 BIOL CULT MGMT PCRS	148	44.1	49.6	27.1	29.5	0	0	672	0	0	0	672	350	413	1692	551	141	307	4126
112 IMPROV RANGE RESCR	15	3.3	3.3	0.2	0.4	0	0	2	0	0	0	2	75	33	130	1	3	0	245
113 REMOTE SENSING	8	1.9	1.5	0.0	0.2	0	0	49	0	0	0	49	27	0	59	0	0	1	135
SUBTOTAL	267	80.8	78.5	45.0	39.6	0	0	1035	0	0	0	1035	613	1127	2698	556	439	645	7113
SERIES 200																			
201 CNTEL FORST INSECTS	34	11.4	11.5	6.6	1.6	0	0	120	0	0	0	120	65	311	243	0	12	15	765
202 CONTROL FOREST DIS	30	6.5	10.5	3.8	2.9	0	0	187	0	0	0	187	56	22	243	0	40	8	557
203 FOREST FIRE PROTECT	5	0.4	0.2	0.3	0.1	0	0	0	0	0	0	0	13	0	21	0	1	2	36
211 CONTR DIS ANIMALS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
214 PROTECT FROM POLLUT	4	0.4	0.2	0.6	0.2	0	0	17	0	0	0	17	13	0	11	0	34	0	75
SUBTOTAL	74	18.7	22.3	11.3	4.7	0	0	323	0	0	0	323	145	333	519	0	87	24	1433
SERIES 300																			
301 GENET BREED FORST T	32	10.8	9.5	4.8	4.3	0	0	130	0	0	0	130	124	88	367	2	7	44	763
302 IMP FOREST ENG SYS	13	5.0	4.1	0.6	2.1	0	0	75	0	0	0	75	57	22	185	9	60	2	410
303 ECON TIMBER PRODUCT	19	4.6	5.5	1.2	1.2	0	0	49	0	0	0	49	55	45	143	0	22	7	321
307 IMP BIO EFF PLD CRP	1	0.2	0.2	0.0	0.0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
315 IMP STRUC FARM SUPP	1	0.3	0.0	0.0	0.0	0	0	6	0	0	0	6	0	0	19	0	0	0	24
318 NON-COM BIO TECH/BI	3	0.4	0.6	0.0	0.0	0	0	1	0	0	0	1	2	0	29	0	0	0	33
SUBTOTAL	69	21.2	19.8	6.6	7.6	0	0	262	0	0	0	262	237	154	747	11	90	53	1555
SERIES 400																			
401 NEW IMP FOREST PROD	51	29.0	17.3	11.3	12.6	0	0	175	0	0	0	175	56	170	1239	29	537	9	2214
412 MKT QUAL ANIMAL PRO	1	0.4	0.2	0.0	0.0	0	0	5	0	0	0	5	3	1	2	0	0	0	11
SUBTOTAL	52	29.3	17.5	11.3	12.6	0	0	180	0	0	0	180	59	171	1241	29	537	9	2225
SERIES 500																			
502 MKTG TIMBER PRODUCT	4	2.0	0.6	0.4	0.3	0	0	10	0	0	0	10	23	42	42	0	14	5	134
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	0	2	0	0	0	2	0	0	0	0	0	0	2
512 IMP GRADES FRST PRO	3	1.2	0.2	0.4	0.3	0	0	0	0	0	0	0	7	20	42	0	12	2	83
513 PRICE ANAL FRST PRO	11	3.5	1.3	0.2	0.3	0	0	31	0	0	0	31	19	42	93	0	21	5	210
SUBTOTAL	19	6.7	2.1	1.1	1.0	0	0	43	0	0	0	43	48	104	176	0	46	12	430
SERIES 600																			
603 TECH AID DEV CRTY	5	0.3	0.3	0.0	0.0	0	0	9	0	0	0	9	11	5	8	0	2	0	35
SUBTOTAL	5	0.3	0.3	0.0	0.0	0	0	9	0	0	0	9	11	5	8	0	2	0	35
SERIES 800																			
802 INDIV & FAM DEC MAK	1	0.0	0.0	0.0	0.1	0	0	5	0	0	0	5	0	0	0	0	0	0	5
805 COMMUNICAT RURAL PE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
SUBTOTAL	2	0.0	0.0	0.0	0.1	0	0	5	0	0	0	5	2	0	0	0	0	0	8
SERIES 900																			
901 ALLEV POLLUTION	7	3.8	3.7	0.6	2.4	0	0	43	0	0	0	43	89	5	81	0	34	43	294
902 OUTDOOR RECREATION	30	8.7	9.0	2.6	2.3	0	0	168	0	0	0	168	74	144	254	2	0	4	645
903 MULTI-USE-FOREST PO	23	4.6	4.5	2.5	1.4	0	0	121	0	0	0	121	15	14	160	3	0	116	430
904 WDLFE AND FISH ECO	63	18.6	28.3	14.8	0.9	0	0	97	0	0	0	97	170	803	452	13	35	217	1787
905 TREES BEAUTIFICATION	6	6.8	1.6	1.0	0.8	0	0	1	0	0	0	1	100	86	160	0	0	41	387
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	2	0	0	3	4
990 UNCLASSIFIED	8	21.5	29.0	8.4	2.4	0	0	26	0	0	0	26	396	696	764	57	91	546	2576
SUBTOTAL	138	63.9	76.0	29.9	10.3	0	0	455	0	0	0	455	843	1748	1873	76	160	970	6124
SCIENCE IN SERV OF MAN																			
GRAND TOTAL	626	220.9	216.4	105.2	75.9	0	0	2312	0	0	0	2312	1958	3642	7263	672	1362	1714	18922

## OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-9 SUMMARY BY COMMODITY OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF		STAFF SUPPORT YEARS					MCIN SP			TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
	PROJ	SYS	PROF	TECH	OTHER	HATH	ARF	STEN	GT	CR								
0100 SOIL AND LAND	35	13.8	5.1	9.2	7.3	0	0	0	684	548	1232	0	0	6	0	0	0	1237
0200 WATER	16	11.7	8.0	6.4	4.5	0	0	0	344	425	768	0	0	0	0	0	0	768
0300 WATERSHEDS RIVER BAS	4	1.2	2.4	1.4	0.4	0	0	0	39	149	188	0	0	0	0	0	0	188
0400 AIR AND CLIMATE	2	0.2	0.2	0.0	0.0	0	0	0	3	62	65	0	0	0	0	0	0	65
0500 RECREATION RESOURCES	3	1.9	1.3	1.0	1.0	0	0	0	93	0	93	0	0	0	0	0	0	93
0600 TIMBER FORST PRODUCT	8	1.2	0.1	1.5	0.8	0	0	0	47	47	94	0	47	5	0	0	0	147
0700 RANGE	1	0.1	0.0	0.0	0.0	0	0	0	0	49	49	0	0	0	0	0	0	49
0800 WILDLIFE AND FISH	24	9.0	3.9	8.8	4.9	0	0	0	476	325	800	0	0	18	0	0	0	819
0900 CITRUS SUB TROP FRUT	2	0.1	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
1000 FRUIT NUTS DECIDUCUS	10	3.8	1.6	5.9	6.7	0	0	0	91	222	313	0	0	0	0	0	0	313
1200 VEGETABLES	46	21.4	5.9	22.1	26.3	0	0	0	1204	1685	2889	0	0	4	0	0	0	2892
1300 ORNAMENTALS TURF	3	0.8	1.6	1.1	0.7	0	0	0	139	0	139	0	0	0	0	0	0	139
1400 CORN	6	0.4	0.0	0.6	0.8	0	0	0	89	0	89	0	0	0	0	0	0	89
1500 GRAIN SORGHUM	2	0.4	0.3	0.0	0.8	0	0	0	60	14	74	0	0	1	0	0	0	75
1600 RICE	2	0.0	0.0	0.2	0.0	0	0	0	5	0	5	0	0	0	0	0	0	5
1700 WHEAT	4	0.7	0.3	0.5	0.8	0	0	0	89	0	89	0	0	2	0	0	0	91
1800 OTHER SMALL GRAINS	14	3.6	0.0	6.4	4.5	0	0	0	514	393	907	0	0	0	0	0	0	907
1900 PASTURE	2	0.3	0.7	0.3	0.2	0	0	0	25	239	264	0	0	0	0	0	0	264
2000 FORAGE CROPS	13	2.4	3.0	1.9	5.6	0	0	0	139	338	477	0	0	0	0	0	0	477
2100 COTTON	6	3.5	1.5	0.0	3.8	0	0	0	179	0	179	0	0	5	0	0	0	185
2300 SOYBEANS	43	17.3	4.4	15.8	11.9	0	0	0	1224	1638	2862	0	0	25	0	0	19	2905
2400 PEANUTS	6	5.6	1.0	2.1	4.5	0	0	0	208	85	292	0	0	0	0	0	0	292
2500 OTHER OILSEED CROPS	1	0.1	0.0	0.1	0.0	0	0	0	5	0	5	0	0	0	0	0	0	5
2600 TOBACCO	1	0.8	0.4	0.0	0.0	0	0	0	97	0	97	0	0	0	0	0	0	97
2800 MISC NEW CROPS	1	0.0	0.4	0.0	0.2	0	0	0	3	0	3	0	0	0	0	0	0	3
2900 POULTRY	25	6.3	5.4	7.9	10.0	0	0	0	554	723	1277	0	0	8	0	0	0	1285
3000 BEEF CATTLE	1	0.0	0.0	0.0	0.0	0	0	0	0	1	1	0	0	0	0	0	0	1
3000 BEEF CATTLE	31	8.7	8.5	8.8	9.3	0	0	0	743	1247	1991	0	16	0	0	0	3	2010
3100 DAIRY CATTLE	1	0.0	0.0	0.0	0.0	0	0	0	0	1	1	0	0	0	0	0	0	1
3100 DAIRY CATTLE	18	5.1	4.5	6.2	3.3	0	0	0	468	201	669	0	0	0	0	0	0	669
3200 SWINE	30	7.1	4.5	10.8	15.0	0	0	0	527	1413	1941	0	0	0	0	0	0	1941
3300 SHEEP AND WOOL	10	6.5	3.3	4.0	0.2	0	0	0	111	287	398	0	0	0	0	0	0	398
3400 OTHER ANIMALS	17	3.8	7.2	7.3	6.1	0	0	0	254	1186	1440	0	0	0	0	0	0	1440
3600 FARM SUPP & FACILITS	6	2.1	0.1	2.7	1.7	0	0	0	208	0	208	0	0	0	0	0	0	208
3700 CLOTHING & TEXTILES	4	1.9	2.2	1.7	1.2	0	0	0	100	8	108	0	0	0	0	0	0	108
3800 FOOD	48	12.8	6.6	10.9	15.3	0	0	0	947	479	1426	0	0	0	0	0	0	1426
3900 HOUSING & EQUIP	9	2.4	1.2	1.4	0.8	0	0	0	286	11	297	0	0	2	0	0	0	298
4000 PEOPLE AS INDIVIDUAL	112	37.1	27.7	28.4	27.9	0	0	0	2200	888	3088	0	0	19	0	0	0	3107
4100 FAMILY MEMBERS	53	15.3	11.8	14.3	8.5	0	0	0	1000	821	1821	0	0	0	0	0	0	1821
4200 FARM AS BUSINESS	13	3.2	1.0	2.7	4.6	0	0	0	168	225	393	0	0	0	0	0	0	393
4300 SOC POLIT ORGANIZ	31	5.6	3.5	6.4	5.4	0	0	0	341	837	1179	0	0	2	0	0	0	1180
4400 AGRIC ECONOMY U S	2	0.2	1.0	0.0	1.3	0	0	0	57	0	57	0	0	0	0	0	0	57
4600 FARM COOPERATIVES	4	2.0	1.4	0.4	1.0	0	0	0	89	33	121	0	0	3	0	0	0	125
4800 MARKETING SYSTEMS	2	0.4	0.1	0.1	0.4	0	0	0	20	0	20	0	0	0	0	0	0	20
6100 WEEDS	3	0.4	0.3	0.6	0.1	0	0	0	64	0	64	0	0	0	0	0	0	64
6300 BIO CELL SYSTEMS	2	0.8	0.0	0.4	0.4	0	0	0	53	0	53	0	0	0	0	0	0	53
6400 EXP DESIGN/STAT METH	3	1.2	1.3	0.0	0.5	0	0	0	93	11	104	0	0	0	0	0	0	104
6500 INVERTEBRATES	4	0.4	0.0	1.7	0.8	0	0	0	61	265	325	0	0	1	0	0	0	326
6600 MICROORGANISMS, VIRUS	4	0.7	0.1	1.0	0.8	0	0	0	30	19	49	0	0	0	0	0	0	49
6700 PLANTS	9	2.1	1.6	1.7	1.5	0	0	0	294	28	322	0	0	0	0	0	0	322
6800 ANIMALS(VERTEBRATES)	3	1.3	0.1	2.7	0.7	0	0	0	91	16	107	0	0	0	0	0	0	107
9900 UNCLASSIFIED	1	0.0	0.3	0.1	1.8	0	0	0	0	0	0	0	0	8	0	0	0	8
TOTAL	701	227.4	135.7	207.4	204.2	0	0	0	14519	14918	29437	0	63	108	0	0	22	29630

## OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-9 SUMMARY BY PROBLEM AREA OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL FES	6	1.0	0.4	0.7	0.2	0	0	0	17	54	72	0	0	0	0	0	0	72
102 SOIL PLNT WTR NUTRI	17	4.1	1.4	1.8	4.6	0	0	0	96	550	646	0	0	10	0	0	0	656
103 MGMT OF SALINE SCIL	1	0.2	0.2	0.0	0.1	0	0	0	5	0	5	0	0	0	0	0	0	5
104 ALTERN USE OF LAND	1	0.4	0.1	0.0	0.1	0	0	0	16	0	16	0	0	0	0	0	0	16
105 CONSERV USE OF WATE	3	0.7	0.2	0.9	0.3	0	0	0	11	41	52	0	0	0	0	0	0	52
107 WATERSHED PROT & MG	1	0.1	0.0	0.0	0.0	0	0	0	0	39	39	0	0	0	0	0	0	39
109 WEATHER ADAPT & MOD	2	0.2	0.0	0.3	0.0	0	0	0	15	0	15	0	0	0	0	0	0	15
110 APPRAIS FORST & EAN	1	0.1	0.0	0.0	0.0	0	0	0	0	39	39	0	0	0	0	0	0	39
111 BIOL CULT MGMT PCRS	2	0.8	0.0	0.6	0.2	0	0	0	43	0	43	0	0	0	0	0	0	43
113 REMOTE SENSING	1	0.2	0.0	0.0	0.0	0	0	0	0	88	88	0	0	0	0	0	0	88
SUBTOTAL	35	7.7	2.4	4.4	5.5	0	0	0	204	813	1017	0	0	10	0	0	0	1027
SERIES 200																		
201 CNTRL FORST INSECTS	3	0.1	0.0	0.7	0.6	0	0	0	0	0	0	0	47	5	0	0	0	53
204 CNTR PESTS FRT & VE	6	2.5	0.2	1.5	2.1	0	0	0	284	34	317	0	0	0	0	0	0	317
205 CNTR DISE FRT & VE	12	1.5	0.4	2.5	1.9	0	0	0	140	120	259	0	0	0	0	0	0	260
206 CNTR WEEDS FRT & VE	9	0.7	0.3	1.1	0.3	0	0	0	76	3	79	0	0	0	0	0	0	79
207 CNTR PESTS FLD CROP	15	1.4	0.7	5.1	1.3	0	0	0	320	38	358	0	0	5	0	0	2	365
208 CNTR DIS FIELD CROP	12	4.4	1.4	1.5	5.8	0	0	0	413	14	427	0	0	0	0	0	0	427
209 CNTR WEEDS FLD CROP	3	0.5	0.1	0.7	1.1	0	0	0	9	208	216	0	0	0	0	0	0	218
210 CNTR PESTS ANIMALS	1	0.0	0.0	0.0	0.0	0	0	0	0	91	91	0	0	0	0	0	0	91
211 CNTR DIS ANIMALS	15	1.5	2.9	5.6	3.1	0	0	0	56	236	292	0	1	0	0	0	0	293
212 CNTR INTER PARASITE	1	0.0	0.0	0.0	0.0	0	0	0	0	1	1	0	0	0	0	0	0	1
212 CNTR INTER PARASITE	1	0.4	0.0	0.0	1.0	0	0	0	14	0	14	0	0	0	0	0	0	14
213 PROT ANMLS FROM TOX	2	0.2	0.3	1.0	0.3	0	0	0	0	38	38	0	0	0	0	0	0	38
214 PROTECT FROM POLIUT	8	1.8	0.0	2.6	1.8	0	0	0	171	12	184	0	0	0	0	0	0	184
SUBTOTAL	88	15.0	6.1	22.2	19.2	0	0	0	1483	794	2277	0	47	12	0	0	2	2338
SERIES 300																		
304 IMP BIO EFF FRT & V	40	16.0	4.6	15.3	15.6	0	0	0	778	1364	2142	0	0	4	0	0	0	2146
305 MECH PROD FRT & VEG	1	0.1	0.0	0.2	0.3	0	0	0	0	25	25	0	0	0	0	0	0	25
306 PROD MGMT SYS F & V	2	0.1	0.4	0.1	0.7	0	0	0	0	42	42	0	0	0	0	0	0	42
307 IMP BIO EFF FLD CROP	46	16.0	6.0	13.1	13.8	0	0	0	1203	1428	2630	0	0	22	0	0	1	2653
309 PROD MGMT SYS FLD C	2	0.5	0.1	0.2	0.9	0	0	0	28	29	58	0	0	0	0	0	0	58
310 ANIMAL REPRODUCTION	23	9.8	8.4	11.2	12.6	0	0	0	410	1034	1444	0	0	0	0	0	0	1444
311 IMP BIO EFF ANML PR	42	12.1	10.3	14.6	9.5	0	0	0	1062	2077	3139	0	16	3	0	0	3	3161
312 ENV STRESS IN ANML	2	1.4	0.4	0.6	0.2	0	0	0	67	0	67	0	0	2	0	0	0	69
313 PROD MGMT SYS ANML	11	2.3	2.9	2.0	3.8	0	0	0	180	358	538	0	0	0	0	0	0	538
315 IMP STRUC FARM SUPP	6	2.1	0.1	2.7	1.7	0	0	0	208	0	208	0	0	0	0	0	0	208
316 FARM BUSINESS MGMT	6	1.3	0.7	1.7	2.7	0	0	0	101	203	304	0	0	0	0	0	0	304
318 NON-COM BIO TECH/BI	13	2.0	1.5	4.5	1.7	0	0	0	284	179	463	0	0	1	0	0	0	464
SUBTOTAL	194	63.7	35.3	66.0	63.3	0	0	0	4321	6739	11059	0	16	32	0	0	4	11111
SERIES 400																		
402 PROD F & V IMP ACCE	6	1.7	1.3	5.2	5.1	0	0	0	123	16	139	0	0	0	0	0	0	139
403 NEW & IMP FEV PRCD	1	0.1	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
404 MKT QUAL FRTS & VEG	1	0.1	0.0	0.2	0.2	0	0	0	0	3	3	0	0	0	0	0	0	3
405 PROD FLD CROP IMP A	11	2.0	0.6	2.1	1.8	0	0	0	130	78	208	0	0	0	0	0	16	224
406 NEW IMP FOOD FLD CR	9	3.9	0.5	3.1	2.7	0	0	0	247	435	682	0	0	0	0	0	0	682
409 PROD ANML PR IMP AC	12	4.3	1.4	2.9	5.5	0	0	0	368	776	1144	0	0	2	0	0	0	1146
410 IMP MEAT MILK EGG P	1	0.0	0.0	0.0	0.3	0	0	0	0	32	32	0	0	0	0	0	0	32
412 MKT QUAL ANIMAL FBO	3	0.6	0.9	1.0	0.1	0	0	0	97	0	97	0	0	0	0	0	0	97
SUBTOTAL	44	12.6	4.7	14.4	15.6	0	0	0	966	1340	2306	0	0	2	0	0	16	2324
SERIES 500																		
503 MKTG EFF AGRI PRCD	3	0.5	0.6	0.6	2.9	0	0	0	101	0	101	0	0	0	0	0	0	101
506 SPLY DEMAND AND FRI	1	1.2	0.0	0.7	0.6	0	0	0	0	49	49	0	0	0	0	0	0	49
509 PERFORMANCE MKTG SY	1	0.1	0.1	0.0	0.1	0	0	0	5	0	5	0	0	0	0	0	0	5
510 GROUP ACT MKT POWER	4	2.0	1.4	0.4	1.0	0	0	0	89	33	121	0	0	3	0	0	0	125
511 IMP AGRIC STATISTIC	2	1.1	0.6	0.0	0.5	0	0	0	65	11	76	0	0	0	0	0	0	76
SUBTOTAL	11	4.8	2.6	1.7	5.2	0	0	0	260	93	354	0	0	3	0	0	0	357
SERIES 700																		
701 TOX RES IN FOOD	7	3.0	1.8	1.6	4.9	0	0	0	174	210	384	0	0	0	0	0	0	384
702 FOOD PROT FROM TCX	7	1.5	1.0	1.2	5.6	0	0	0	127	35	162	0	0	0	0	0	0	162
703 FOOD CONSUMP HABITS	41	16.0	6.6	13.7	10.8	0	0	0	975	351	1325	0	0	2	0	0	0	1327
704 HOME COMM FOOD SERV	2	0.1	0.2	0.2	0.1	0	0	0	8	0	8	0	0	0	0	0	0	8
705 SEL CARE CLOTH & TE	4	1.9	2.2	1.7	1.2	0	0	0	100	8	108	0	0	0	0	0	0	108
707 TRANS ANML MAN DI	1	0.1	0.0	0.5	0.0	0	0	0	8	0	8	0	0	0	0	0	0	8
708 HUMAN NUTRITION	64	22.7	14.0	22.1	20.1	0	0	0	1713	785	2498	0	0	2	0	0	0	2499
709 REDUCE HAZ HLTH & S	4	2.8	1.4	0.4	1.7	0	0	0	286	76	363	0	0	0	0	0	0	363
SUBTOTAL	130	48.1	27.1	41.3	44.3	0	0	0	3392	1465	4857	0	0	4	0	0	0	4860
SERIES 800																		
801 RURAL HOUSING	6	2.7	1.1	1.4	1.0	0	0	0	175	11	186	0	0	4	0	0	0	190
802 INDIV & FAM DEC MAK	26	8.9	1.6	4.8	3.4	0	0	0	424	473	897	0	0	0	0	0	0	897
803 RURAL POVERTY	23	7.5	12.6	6.0	8.1	0	0	0	251	906	1158	0	0	0	0	0	0	1158
804 ECON POTENT RURL PE	25	6.3	6.6	4.9	1.7	0	0	0	281	216	497	0	0	0	0	0	0	497
805 COMMUNICAT RURL PE	18	4.1	5.7	3.7	2.8	0	0	0	240	310	550	0	0	3	0	0	0	553
806 ADJUSTMENT TO CHANG	20	7.1	6.3	4.5	6.5	0	0	0	474	116	590	0	0	10	0	0	0	601
807 AGRIC ECONOMIC CHAN	10	2.2	1.4	1.0	3.2	0	0	0	124	23	146	0	0	0	0	0	0	146
SUBTOTAL	128	38.7	35.3	26.3	26.7	0	0	0	1970	2055	4025	0	0	17	0	0	0	4042
SERIES 900																		
901 ALLEV POLLUTION	37	23.0	14.5	16.2	10.4	0	0	0	963	1034	1997	0	0	0	0	0	0	1997
902 OUTDOOR RECREATION	3	1.9	1.3	1.0	1.0	0	0	0	93	0	93	0	0	0	0	0	0	93
904 WDLFE AND FISH ECO	23	8.1	3.9															

UNITED STATES DEPARTMENT OF AGRICULTURE  
INVENTORY OF AGRICULTURAL RESEARCH  
SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-9 SUMMARY BY STATION OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
				PROF	TECH	OTHER			STEN	GT	CR	CR	CGCA	FED	APPRO	SALES	-TRY	-ER	
CONNECTICUT	NEW HAVEN	51	39.1	0.0	23.5	3.3	509	75	82	0	0	0	666	0	38	1346	80	0	0
CONNECTICUT	STORES	65	31.1	46.9	4.3	23.2	414	216	16	51	6	703	24	390	25	15	10	124	1291
DIST OF COLUM	WASHINGTON	3	0.0	0.0	0.0	0.0	45	32	0	0	0	77	0	0	0	0	0	0	77
DELAWARE	NEWARK	71	22.2	29.0	4.7	19.8	582	223	54	9	11	879	3	20	988	251	62	98	2301
MASSACHUSETTS	AMHERST	111	45.2	72.9	51.6	22.9	978	381	137	58	19	1574	129	290	1413	44	231	185	3865
MARYLAND	COLLEGE PA	180	83.8	53.3	102.5	23.8	1113	391	143	5	78	1730	0	16	4008	329	302	0	6384
MAINE	ORONO	118	59.1	52.0	35.9	38.9	815	310	274	26	17	1442	249	417	1489	385	346	358	4685
NEW HAMPSHIRE	DURHAM	70	26.3	45.2	8.4	13.2	653	223	174	21	32	1104	0	0	796	135	19	0	2054
NEW JERSEY	NEW BRUNSW	309	108.7	162.0	89.4	65.4	959	617	109	323	41	2049	84	814	7918	0	689	794	12348
NEW YORK	ITHACA	681	229.6	279.0	266.5	163.4	2127	595	72	257	201	3252	838	5998	11330	3267	1337	3140	29163
NEW YORK	GENEVA	143	69.9	57.7	62.4	29.4	236	294	0	213	0	743	30	155	3369	142	332	143	4914
PENNSYLVANIA	COLLEGE FA	327	136.0	9.0	311.4	132.8	3065	784	231	434	49	4562	897	327	5660	0	991	144	12580
RHODE ISLAND	KINGSTON	62	28.7	68.6	8.4	15.3	543	233	44	0	20	839	0	728	835	39	50	80	2572
VERMONT	BURLINGTON	68	27.2	15.5	27.8	7.3	696	192	0	31	24	942	47	92	833	0	101	0	2014
WEST VIRGINIA	MORGANTOWN	99	37.2	30.8	16.2	35.8	1351	325	228	3	46	1953	63	93	1507	345	29	71	4060
SUBTOTAL - SAES		2358	944.1	921.9	1013.0	594.5	514086	48911564	1431	544	22515	2364	9378	41517	5032	4499	5137	90438	
DEL STATE COL	DOVER	17	8.2	7.8	1.0	0.6	0	0	0	310	345	654	0	0	0	0	0	0	654
MD. STATE COL	PRINCESS A	29	5.2	0.0	15.3	4.0	0	0	0	560	560	1121	0	0	0	0	0	0	1121
NEW YORK	YONKERS	2	2.0	0.2	0.0	0.0	0	0	0	40	0	40	0	0	7	0	0	16	63
LEHIGH UNIV	BETHLEHEM	1	0.0	0.0	0.0	0.0	0	0	0	0	1	1	0	0	0	0	0	0	1
PENNSYLVANIA	KENNETT SQ	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	16	0	0	0	3	19
SUBTOTAL - OCI		50	15.5	8.0	16.3	4.6	0	0	0	910	906	1816	0	16	7	0	0	19	1858
FORESTRY SCH	SYRACUSE	8	2.8	4.6	1.5	0.2	0	0	189	0	0	189	0	0	123	0	0	1	314
FORESTRY SCH	BURLINGTON	10	5.4	1.9	7.5	2.9	0	0	170	0	0	170	35	13	171	10	0	17	416
SUBTOTAL - PRESTY SCH		18	8.2	6.5	9.0	3.1	0	0	359	0	0	359	35	13	294	10	0	18	730
TOTAL		2426	966.6	934.8	1037.3	602.2	14085	4892	1923	2339	1450	24689	2397	9397	41815	5034	4497	5145	92974

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-9 SUMMARY BY STATION OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL	
ALABAMA	AUBURN	234	141.5	93.0	116.1	258.3	2003	502	319	28	112	2965	346	342	6679	2525	305	564	13726	
ARKANSAS	FAYETTEVIL	282	106.2	141.1	110.1	136.5	1693	442	297	282	60	2773	195	122	9841	659	683	631	14904	
FLORIDA	GAINESVILL	650	387.0	89.9	540.3	419.3	1329	401	245	307	88	2370	651	2165	25971	689	1867	601	34315	
GEORGIA	ATHENS	368	171.0	63.1	249.5	257.9	2178	638	319	83	91	3309	391	309	14648	1	618	1087	20364	
KENTUCKY	LEXINGTON	195	117.2	96.8	93.3	191.4	2450	504	215	54	91	3314	0	47	6482	0	0	0	9843	
LOUISIANA	BATON RCUG	487	199.2	0.5	0.0	0.0	1562	424	197	111	110	2404	170	161	15374	732	764	297	19902	
MISSISSIPPI	STATE COLL	232	162.1	52.0	113.5	262.7	2101	555	298	79	54	3088	790	160	9807	1017	411	1306	16579	
NORTH CAROLINA	RALEIGH	564	239.1	406.3	365.1	255.8	3279	695	315	261	180	4730	510	214	18411	905	1147	1617	29463	
OKLAHOMA	STILLWATER	226	86.0	71.2	100.3	15.7	1503	363	156	52	75	2148	164	591	3569	948	301	283	8004	
PUERTO RICO	RIO PIEDRA	98	101.8	35.0	67.6	402.1	2294	449	0	16	41	2801	13	276	4753	1182	9	50	9084	
SOUTH CAROLINA	CLEMSON	276	98.8	66.6	125.4	170.2	1743	416	0	140	26	2325	0	25	8422	0	0	0	10772	
TENNESSEE	KNOXVILLE	189	118.7	111.2	48.5	211.5	2421	516	218	9	109	3273	60	1927	4988	2910	298	246	13703	
TEXAS	COLLEGE ST	552	248.9	187.9	384.8	338.1	3075	735	132	306	255	4503	766	907	17078	1901	3098	793	29046	
VIRGINIA	BLACKSBURG	278	165.1	48.7	457.7	98.1	2086	499	280	116	115	3097	767	1458	9406	0	934	2310	17972	
VIRGIN ISLANDS	ST. THOMAS	10	5.8	0.0	3.5	9.0	152	59	0	1	0	213	0	0	63	0	0	0	276	
SUBTOTAL - SAES		4641	2348.4	1463.3	2775.7	3026.6	29869	71982	2991	1845	1407	43313	4823	10633	15549	92134	69104	35	9785	247953
ALA TUSKEGEE	TUSKEGEE	71	17.7	25.8	33.6	45.0	0	0	0	551	1000	1551	0	0	0	0	0	0	1551	
ALA A&M	NORMAL	25	8.6	0.0	11.2	5.6	0	0	0	659	990	1649	0	0	0	0	0	0	1649	
ARK A & M	PINE BLUFF	29	13.2	7.2	6.1	8.3	0	0	0	803	845	1648	0	0	96	0	0	0	2	1746
FLORIDA A&M	TALLAHASSEE	20	22.0	7.4	8.3	14.3	0	0	0	269	642	911	0	0	0	0	0	0	911	
FT. VALLEY COL	FORT VALLE	39	12.0	4.6	17.6	10.6	0	0	0	626	1045	1671	0	0	0	0	0	0	1672	
KY STATE COLL	FRANKFORT	38	17.6	0.0	23.0	6.4	0	0	0	1212	1102	2314	0	0	0	0	0	0	2314	
SOUTHERN UNIV	BATON ROUG	24	7.9	1.7	10.8	12.8	0	0	0	557	770	1327	0	0	0	0	0	0	1327	
ALCORN A&M	LORMAN	20	5.9	6.1	16.8	3.8	0	0	0	963	959	1922	0	0	0	0	0	0	1922	
AG TECH NC.	GREENSBORO	44	38.0	25.6	12.8	11.7	0	0	0	1425	1363	2788	0	0	0	0	0	0	2788	
LANGSTON UNIV	LANGSTON	19	12.8	8.4	5.1	9.4	0	0	0	420	744	1164	0	0	0	0	0	0	1164	
SC STATE COLL	ORANGEBURG	19	9.3	8.0	9.9	1.2	0	0	0	871	280	1151	0	0	0	0	0	0	1151	
TENN A&M IND	NASHVILLE	36	10.1	11.5	7.4	12.1	0	0	0	1029	1027	2056	0	0	0	0	0	0	2056	
PRAIRIE VW A&M	PRAIRIE VI	23	7.0	4.7	11.2	15.0	0	0	0	919	1401	2320	0	0	0	0	0	0	2320	
VA STATE COLL	PETERSBURG	27	19.5	8.8	6.5	39.0	0	0	0	2667	828	3495	0	0	0	0	0	0	3495	
SUBTOTAL - OCI		434	201.6	119.8	180.3	195.2	0	0	0	12971	12996	25967	0	0	96	0	0	2	26066	
FORESTRY SCH	RUSTON	9	3.4	0.1	1.0	0.0	0	0	93	0	0	93	0	0	143	0	0	0	236	
FORESTRY SCH	CLEMSON	62	10.6	5.5	17.6	11.5	0	0	250	0	0	250	28	36	553	206	0	110	1183	
FORESTRY SCH	NACOGDOCHE	15	4.3	4.1	6.8	1.1	0	0	134	0	0	134	0	128	195	0	29	0	485	
SUBTOTAL - FRSTY SCH		86	18.3	9.7	25.4	12.6	0	0	477	0	0	477	28	164	891	206	29	110	1904	
TOTAL		5161	2568.3	1592.8	2981.4	3234.4	29870	7198	3468	14814	14405	69755	4852	10798	156477	13676	10465	9898	275923	

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-9 SUMMARY BY STATION

OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
				PROF	TECH	OTHER													
ALASKA	FAIRBANKS	28	10.4	0.5	19.7	5.9	543	81	136	17	15	793	0	7	1753	0	0	0	2553
ILLINOIS	URBANA	310	151.8	264.4	71.7	200.2	2594	571	90	180	212	3648	276	857	7098	1823	1041	539	15281
INDIANA	LAFAYETTE	355	190.2	76.4	184.6	305.1	2346	521	154	253	113	3387	514	3931	8005	3453	1473	591	21355
IOWA	AMES	372	118.0	224.4	68.7	184.8	2432	1097	115	357	338	4340	1050	1180	7892	783	3691	5	18941
KANSAS	MANHATTAN	600	177.3	232.5	155.3	60.9	1542	510	82	76	182	2392	465	853	8613	3126	875	49	16373
MICHIGAN	LANSING	457	163.7	147.9	139.8	97.9	2409	507	101	477	193	3686	810	1956	10881	838	1541	1284	20997
MINNESOTA	ST PAUL	325	156.9	142.3	153.8	103.9	2308	542	232	190	157	3429	857	929	16465	0	824	987	23492
MISSOURI	COLUMBIA	222	106.9	255.6	85.9	165.2	2271	451	224	296	76	3318	767	1015	6338	1311	754	0	13503
NORTH DAKOTA	FARGO	257	114.3	84.6	117.5	38.3	1074	340	37	84	76	1611	140	207	6084	992	454	564	10052
NEBRASKA	LINCOLN	263	142.6	122.9	381.4	252.5	1412	512	60	160	173	2317	468	633	8289	8446	608	541	21302
OHIO	WOOSTER	329	123.7	54.2	248.7	0.0	2845	547	187	145	138	3862	192	587	14817	0	0	0	19458
SOUTH DAKOTA	BROOKINGS	168	105.5	69.9	27.0	70.0	1088	343	56	225	117	1828	266	89	3546	0	215	503	6446
WISCONSIN	MADISON	504	149.0	415.0	82.0	86.0	2330	621	237	122	184	3493	694	6031	11911	0	1721	258	24107
SUBTOTAL - SAES		4190	1710.3	2090.6	1736.1	1570.725	194	6643	1711	2582	1974	38104	6499	18275	111692	20772	13197	5321	213860
LINCOLN UNIV	JEFFERSON	24	10.2	7.9	10.1	3.8	0	0	0	640	1014	1654	0	0	0	0	0	0	1654
SUBTOTAL - OCI		24	10.2	7.9	10.1	3.8	0	0	0	640	1014	1654	0	0	0	0	0	0	1654
FORESTRY SCH	CARBONDALE	19	3.4	3.1	0.0	0.0	0	0	89	0	0	89	45	24	109	0	0	0	266
FORESTRY SCH	ANN ARBOR	44	5.2	12.5	0.0	0.0	0	0	99	0	0	99	22	57	147	0	2	139	466
FORESTRY SCH	HOUGHTON	30	13.8	3.7	13.5	5.9	0	0	96	0	0	96	0	58	563	0	569	329	1615
SUBTOTAL - FRSTY SCH		93	22.4	19.3	13.5	5.9	0	0	284	0	0	284	67	139	819	0	571	468	2347
TOTAL		4307	1742.9	2117.8	1759.7	1580.4	25193	6642	1996	3223	2988	40041	6563	18415	112511	20772	13768	5789	217859

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-9 SUMMARY BY STATION

OF 1979 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
				PROF	TECH	OTHER													
ARIZONA	TUCSON	235	120.3	60.0	83.6	49.4	734	453	62	154	10	1414	775	781	7684	266	56	873	11849
CALIFORNIA	BERKELEY	1159	549.1	964.9	279.1	477.1	2128	999	292	577	288	4284	1775	6648	43565	194	4457	645	63568
COLORADO	FT COLLINS	195	130.4	158.2	119.2	57.9	967	555	0	47	144	1713	1396	6137	6292	559	0	171	16269
GUAM	AGANA	14	11.5	8.0	2.0	11.0	354	72	0	3	0	429	0	0	269	0	0	0	698
HAWAII	HONOLULU	207	95.5	21.1	10.5	139.0	595	230	74	101	15	1014	231	301	5197	0	121	219	7083
IDAHO	MOSCOW	128	79.8	55.5	62.4	21.1	881	369	0	32	27	1308	207	171	4392	339	158	743	7318
MONTANA	BOZEMAN	181	88.8	65.8	58.1	177.2	854	400	0	39	104	1397	120	700	3131	2377	457	239	8422
NEVADA	RENO	99	35.5	21.7	16.6	10.9	534	219	50	32	29	864	228	56	1910	236	101	222	3617
NEW MEXICO	UNIV PARK	140	64.7	54.1	16.2	62.3	762	241	118	116	39	1276	0	95	1980	27	88	0	3466
OREGON	CORVALLIS	320	146.8	76.9	144.7	90.6	1115	569	0	265	39	1987	113	2851	9201	1264	460	918	16794
UTAH	LOGAN	179	70.1	42.4	33.5	19.5	674	413	95	87	43	1313	166	744	3372	646	221	307	6769
WASHINGTON	PULLMAN	331	132.8	105.3	196.2	236.4	1272	784	143	133	126	2518	447	1991	9077	877	1503	668	17079
WYOMING	LARAMIE	81	39.4	12.2	13.7	13.5	626	320	87	107	9	1149	0	141	1378	0	0	202	2869
SUBTOTAL - SAES		3269	1564.7	1646.1	1035.8	1365.911	1496	5624	921	1753	873	20666	5458	22616	97448	6785	7622	5207	165801
NEW MEXICO	ALBUQUERQUE	1	0.1	0.0	0.7	0.6	0	0	0	0	0	0	0	18	0	0	0	0	18
UTAH	PROVO	2	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	29	5	0	0	0	35
SUBTOTAL - OCI		3	0.1	0.0	0.7	0.6	0	0	0	0	0	0	0	47	5	0	0	0	53
FORESTRY SCH	FLAGSTAFF	11	3.7	5.0	0.6	2.3	0	0	62	0	0	62	0	0	82	0	0	0	144
FORESTRY SCH	ARCATA	17	1.1	4.0	0.6	0.0	0	0	32	0	0	32	0	0	33	0	5	0	70
FORESTRY SCH	FT COLLINS	14	2.5	7.7	2.0	4.0	0	0	152	0	0	152	49	0	0	0	166	0	367
FORESTRY SCH	MOSCOW	110	43.4	73.4	15.7	0.0	0	0	206	0	0	206	756	762	1656	304	46	49	3779
FORESTRY SCH	MISSOULA	18	10.3	14.2	5.3	0.0	0	0	195	0	0	195	57	654	320	57	57	213	1553
FORESTRY SCH	CORVALLIS	112	49.7	59.8	19.3	36.8	0	0	340	0	0	340	335	802	2070	95	279	130	4050
FORESTRY SCH	SEATTLE	21	61.3	16.8	13.8	11.2	0	0	205	0	0	205	633	1108	1099	0	208	725	3978
SUBTOTAL - FRSTY SCH		303	172.0	180.9	57.3	54.3	0	0	1192	0	0	1192	1830	3326	5260	456	761	1117	13941
TOTAL		3575	1738.0	1828.6	1094.8	1420.8	11495	5624	2113	1753	874	21859	7287	25999	102716	7250	8384	6352	179847